Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033115.D
Acq On : 28 Jan 2019 16:22
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jan 28 17:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1137729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3034163	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2906497	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2121752	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	601623	2.841	ppbv	97
3) Chlorodifluoromethane	3.01	51	332844	2.584	ppbv	99
4) Chloromethane	3.16	50	181338	2.458	ppbv	100
5) Vinyl Chloride	3.29	62	194929	2.617	ppbv	100
6) Bromomethane	3.51	94	120027	2.372	ppbv	97
7) Chloroethane	3.60	64	68035	2.335	ppbv	93
8) Dichlorotetrafluoroethane	3.22	85	483709	2.652	ppbv	98
9) Propene	3.03	41	128538	2.672	ppbv	98
10) Heptane	8.25	43	318905	2.328	ppbv	98
11) Trichlorofluoromethane	4.00	101	521907	2.231	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	352548	2.383	ppbv	99
13) Ethanol	3.65	45	30832	1.607	ppbv #	61
14) Bromoethene	3.79	108	149729	2.291	ppbv	100
15) Acetone	3.90	43	351222	2.230	ppbv	95
16) 1,3-Butadiene	3.36	39	134828	2.270	ppbv	99
17) tert-Butyl alcohol	4.36	59	75196	2.254	ppbv	98
18) 1,1-Dichloroethene	4.35	96	161205	2.366	ppbv	97
19) Isopropyl Alcohol	4.03	45	226405	2.088	ppbv #	96
20) Methylene Chloride	4.41	84	168357	2.564	ppbv	98
21) Allyl Chloride	4.47	41	237507	2.434	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	152751	2.261	ppbv	95
23) Vinyl Acetate	5.15	43	476493	2.378	ppbv	99
24) 1,1-Dichloroethane	5.08	63	383325	2.254	ppbv	98
25) Ethyl Acetate	5.77	43	607772	2.283	ppbv	99
26) Hexane	5.78	57	299209	2.387	ppbv	97
27) Carbon Disulfide	4.62	76	379026	2.452	ppbv	96
28) Methyl tert-Butyl Ether	5.11	73	452616	2.314	ppbv	100
29) Chloroform	5.84	83	468668	2.194	ppbv	98
30) Cyclohexane	7.25	84	225657	2.415	ppbv	87
31) cis-1,2-Dichloroethene	5.63	61	260689	2.240	ppbv	92
32) 1,1,1-Trichloroethane	6.61	97	481102	2.219	ppbv	99
34) 2-Butanone	5.33	43	384594	2.182	ppbv	100
35) Carbon Tetrachloride	7.13	117	531729	2.040	ppbv	99
36) Benzene	7.00	78	554876	2.233	ppbv	95
37) 1,2-Dichloroethane	6.41	62	349881	2.016	ppbv	100
38) Trichloroethene	7.95	130	229263	2.242	ppbv	88
39) 1,2-Dichloropropane	7.73	63	200789	2.150	ppbv	94
40) 1,4-Dioxane	7.96	88	64711	1.826	ppbv #	1
41) Tetrahydrofuran	6.15	42	196428	2.189	ppbv	99
42) Bromodichloromethane	7.91	83	506034	2.123	ppbv	92
43) Methyl Methacrylate	8.14	69	207972	2.230	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033115.D
Acq On : 28 Jan 2019 16:22
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jan 28 17:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	948641	2.254	ppbv		99
45) t-1,3-Dichloropropene	9.41	75	246275	2.121	ppbv		97
46) cis-1,3-Dichloropropene	8.83	75	300342	2.267	ppbv		98
47) 1,1,2-Trichloroethane	9.61	97	234512	2.150	ppbv		97
48) Dibromochloromethane	10.45	129	421524	2.187	ppbv		97
49) Bromoform	13.19	173	185746	1.103	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.87	43	521162	2.333	ppbv		99
51) 2-Hexanone	10.27	43	364161	2.253	ppbv	#	97
52) Tetrachloroethene	11.37	164	193510	2.203	ppbv		97
53) Toluene	9.94	91	607452	2.281	ppbv		98
54) 1,2-Dibromoethane	10.76	107	336294	2.140	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.28	131	319912	2.130	ppbv	#	1
57) Chlorobenzene	12.30	112	509830	2.102	ppbv		97
58) Ethyl Benzene	12.86	91	816925	2.226	ppbv		98
59) m/p-Xylene	13.15	91	43340	0.128	ppbv	#	100
60) o-Xylene	13.85	91	724477	2.180	ppbv		97
61) Styrene	13.68	104	476002	2.245	ppbv		98
62) Isopropylbenzene	14.83	105	1026995	2.171	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.83	83	519937	2.106	ppbv		99
64) n-propylbenzene	15.72	120	256060	2.131	ppbv		94
65) tert-Butylbenzene	16.90	119	470782	1.124	ppbv	#	19
66) Benzyl Chloride	17.15	91	469579	1.967	ppbv		100
67) sec-Butylbenzene	17.46	105	1284888	2.143	ppbv		99
69) p-Isopropyltoluene	17.81	119	1046609	2.151	ppbv		99
70) n-Butylbenzene	18.71	91	1021073	2.087	ppbv		97
71) 2-Chlorotoluene	15.62	91	733130	2.186	ppbv		98
72) 4-Ethyltoluene	16.00	105	782550	2.143	ppbv		99
73) 1,3,5-Trimethylbenzene	16.15	105	753203	2.090	ppbv		96
74) 1,2,4-Trimethylbenzene	16.92	105	813328	2.038	ppbv		97
75) 1,3-Dichlorobenzene	17.16	146	466785	1.987	ppbv		98
76) 1,4-Dichlorobenzene	17.31	146	431373	2.016	ppbv		98
77) 1,2-Dichlorobenzene	17.99	146	437241	2.067	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	234205	1.441	ppbv		99
79) Naphthalene	22.41	128	265816	0.791	ppbv		96
80) Naphthalene,2-methyl-	25.12	142	109080	1.069	ppbv		94
81) 1,2,4-Trichlorobenzene	22.14	180	253440	1.561	ppbv		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

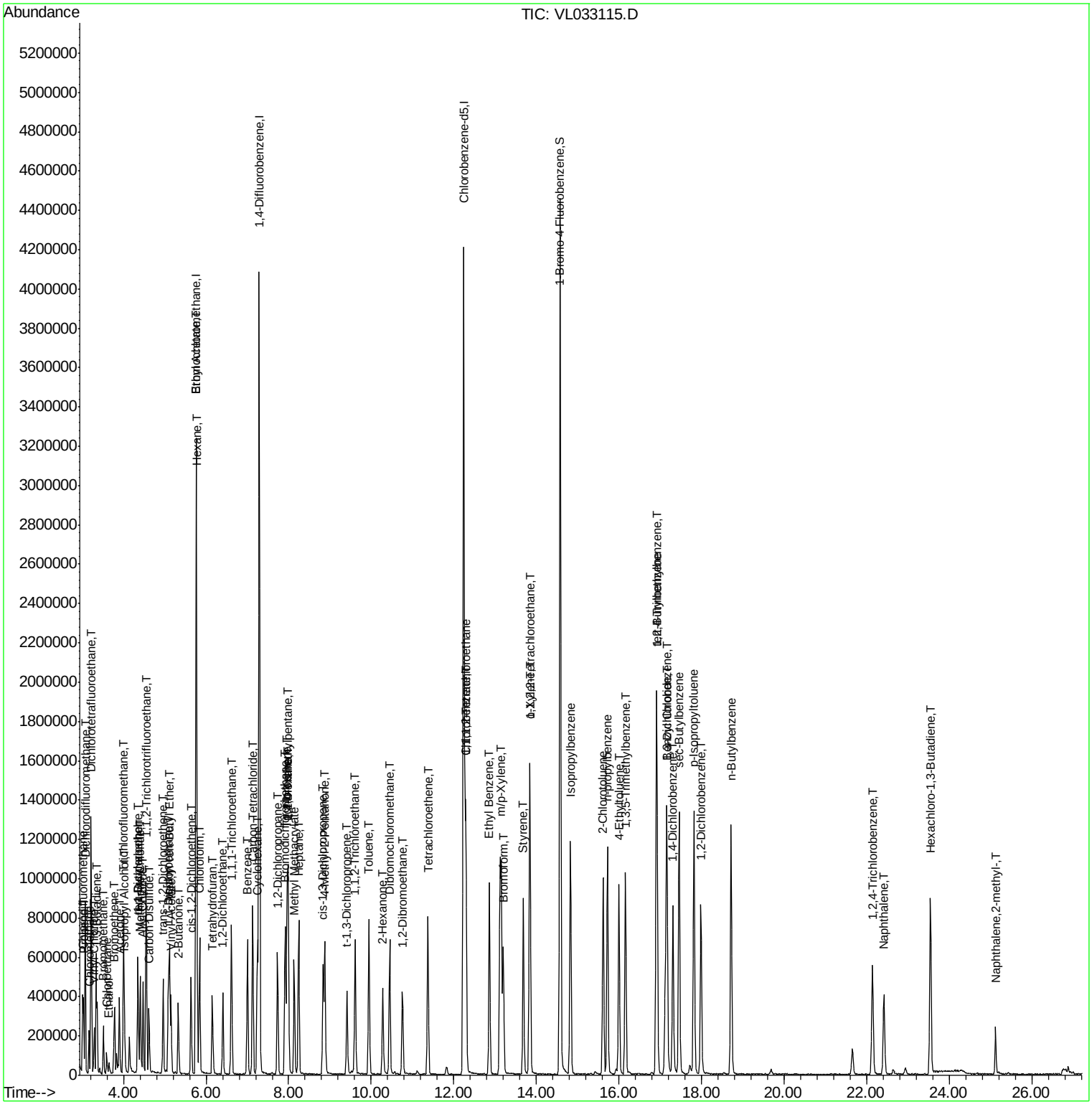
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

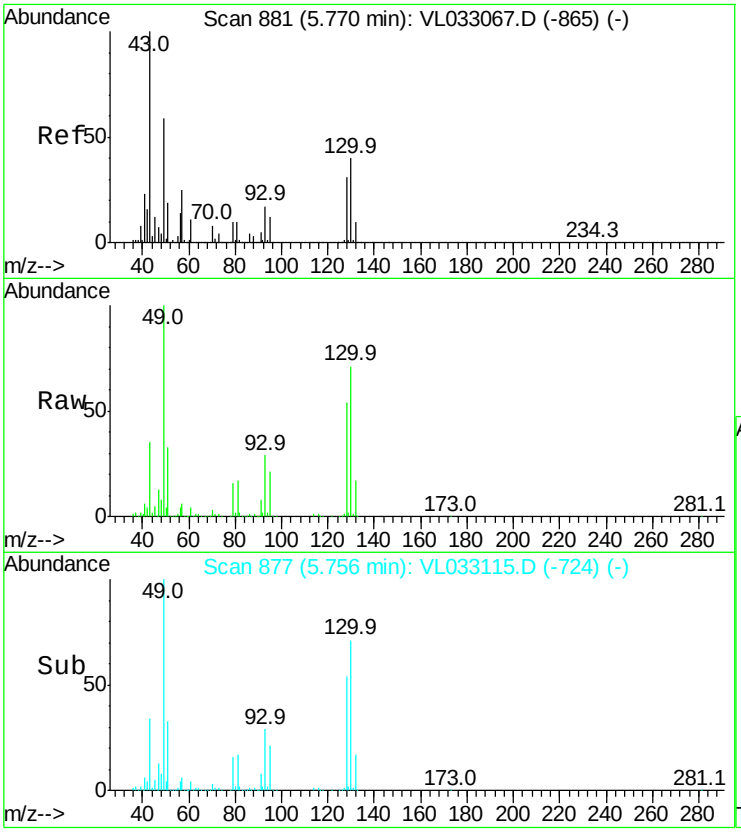
Quantitation Report (Not Reviewed)

Data File : VL033115.D
Acq On : 28 Jan 2019 16:22
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Jan 28 17:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration



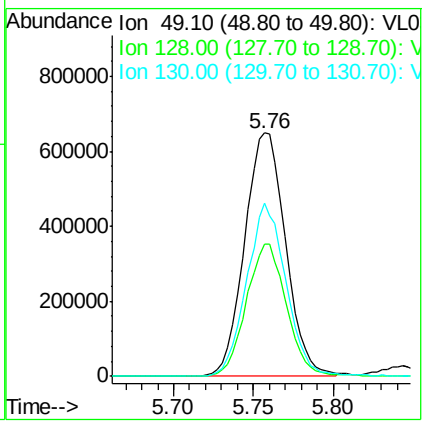


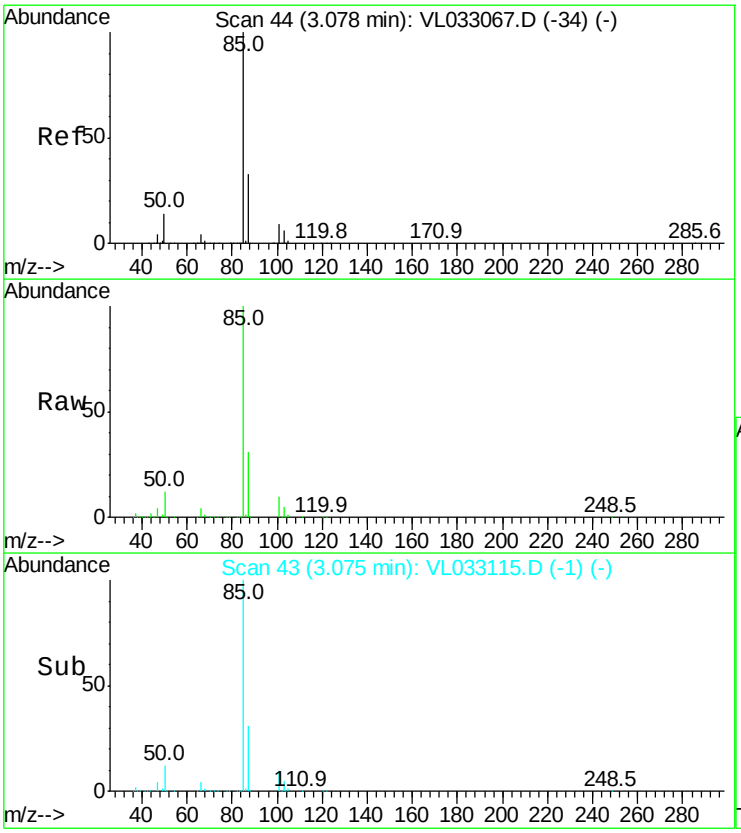
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1137729

Ion	Ratio	Lower	Upper
49	100		
128	53.8	25.9	77.7
130	68.6	32.9	98.7

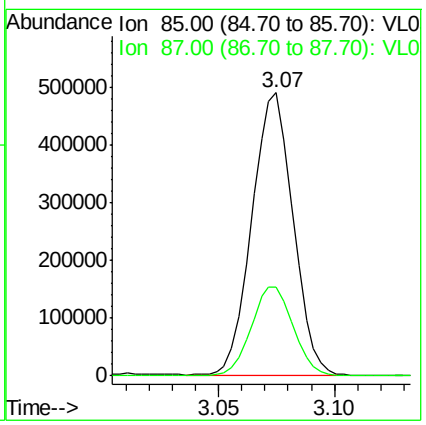


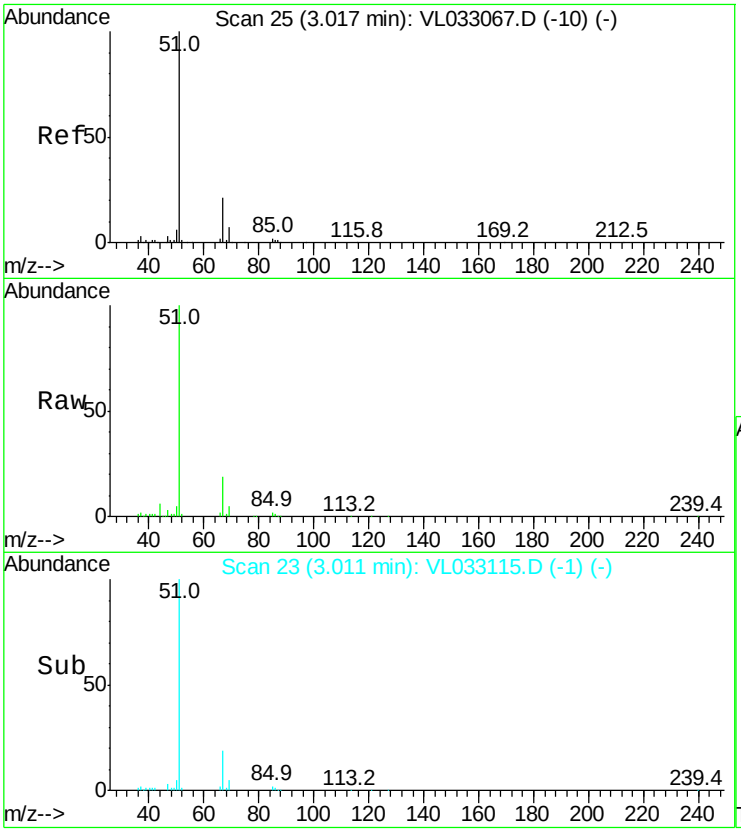


#2
Dichlorodifluoromethane
Concen: 2.841 ppbv
RT: 3.07 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 85 Resp: 601623

Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.4	39.6



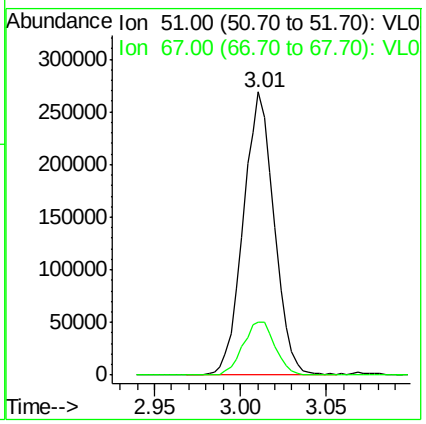


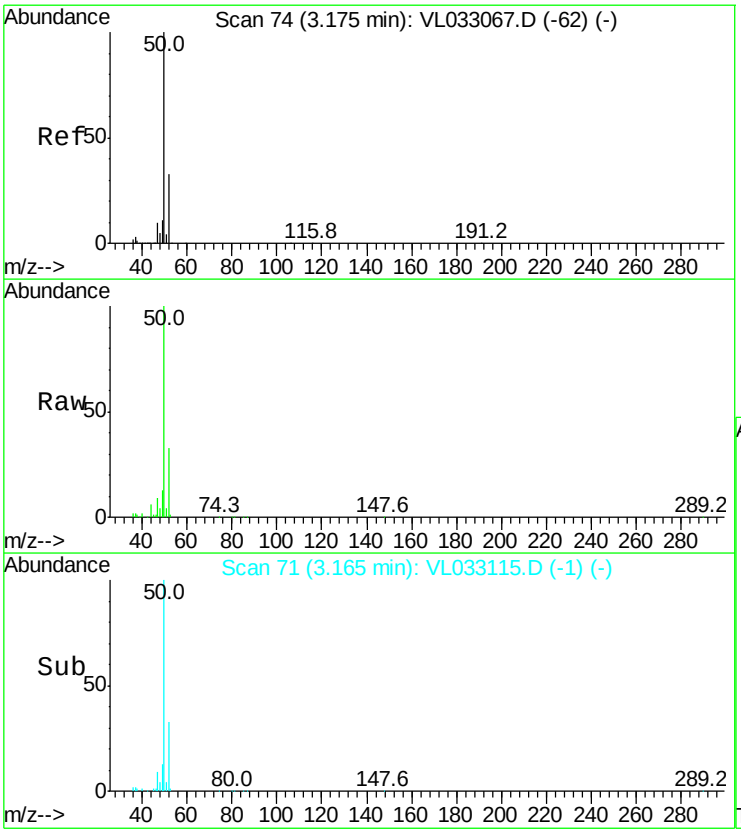
#3
Chlorodifluoromethane
Concen: 2.584 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 332844

Ion	Ratio	Lower	Upper
51	100		
67	19.7	16.2	24.2

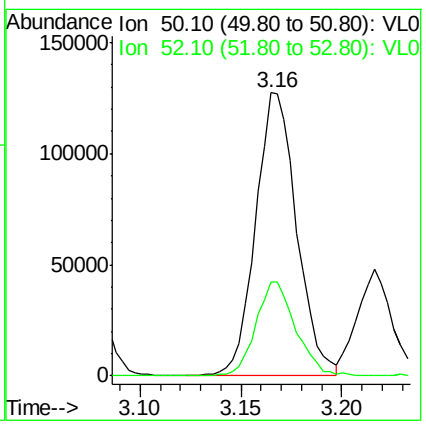


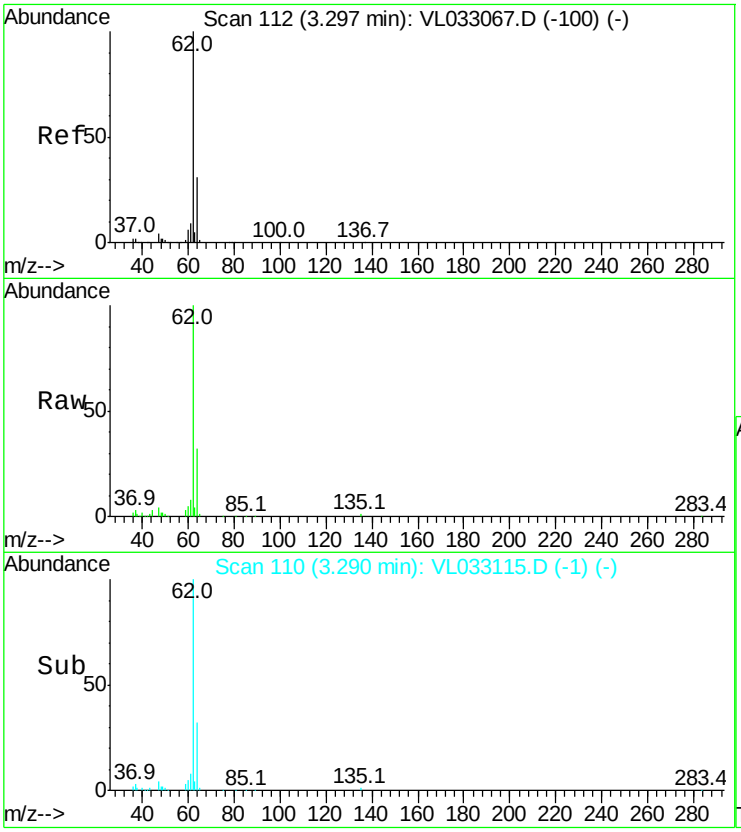


#4
Chloromethane
Concen: 2.458 ppbv
RT: 3.16 min Scan# 71
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 50 Resp: 181338

Ion	Ratio	Lower	Upper
50	100		
52	33.9	27.0	40.4



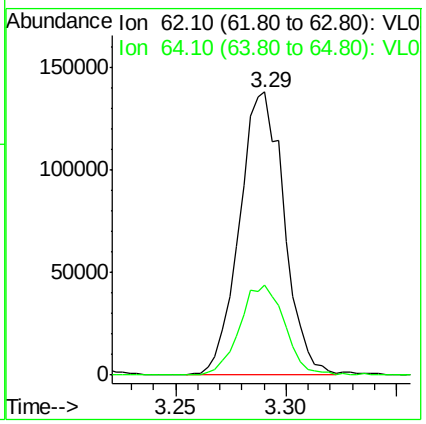


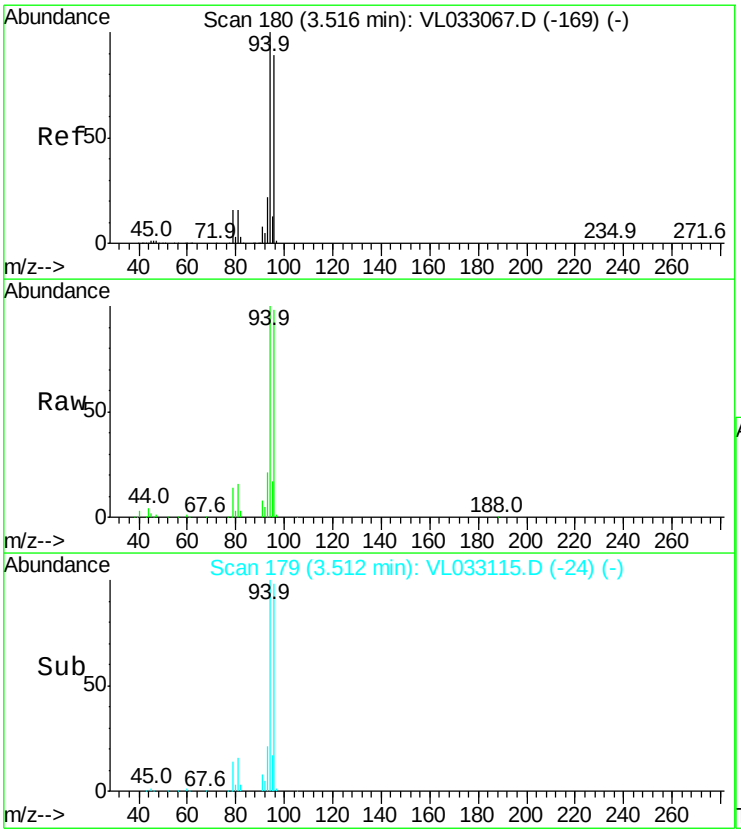
#5
Vinyl Chloride
Concen: 2.617 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 194929

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.7	38.5

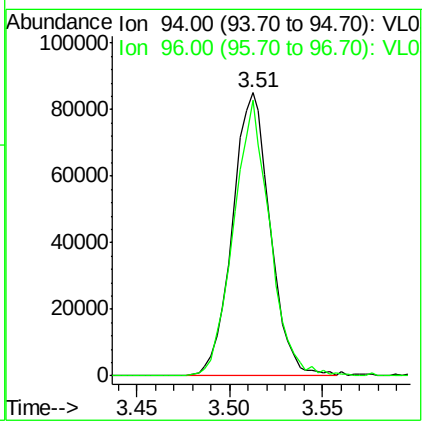


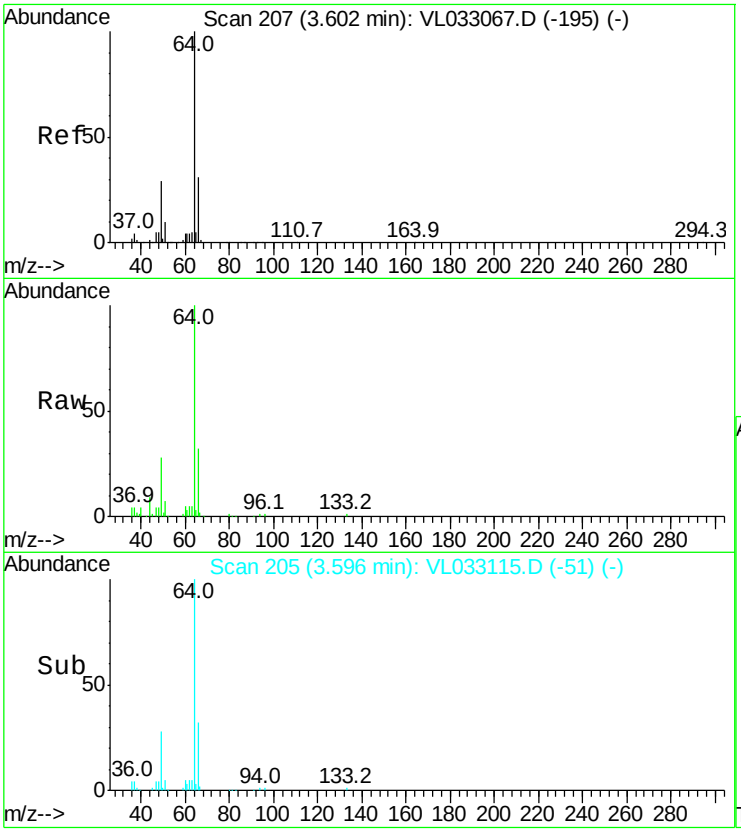


#6
Bromomethane
Concen: 2.372 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 94 Resp: 120027

Ion	Ratio	Lower	Upper
94	100		
96	97.6	75.4	113.2



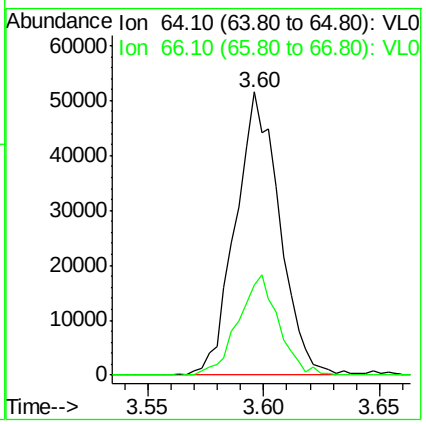


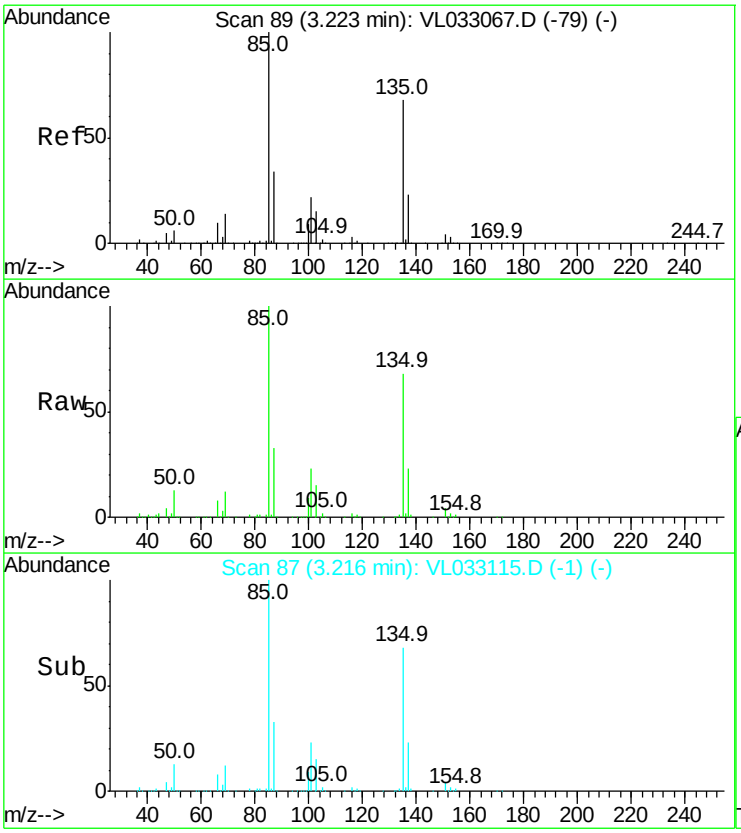
#7
Chloroethane
Concen: 2.335 ppbv
RT: 3.60 min Scan# 205
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 68035

Ion	Ratio	Lower	Upper
64	100		
66	33.7	24.0	36.0

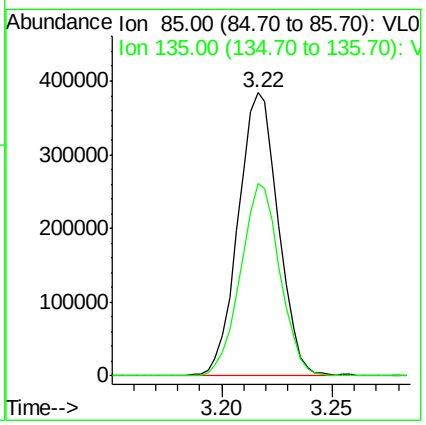


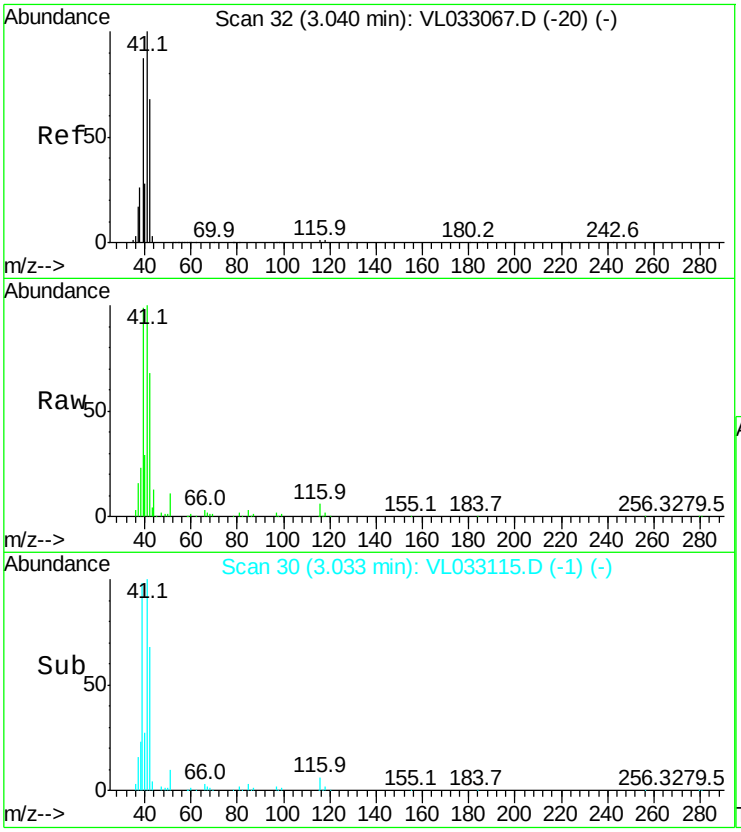


#8
Dichlorotetrafluoroethane
Concen: 2.652 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 85 Resp: 483709

Ion	Ratio	Lower	Upper
85	100		
135	67.0	54.8	82.2



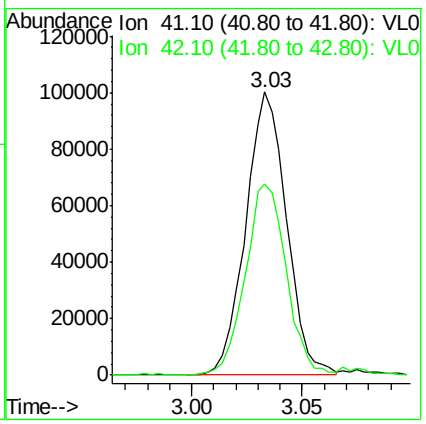


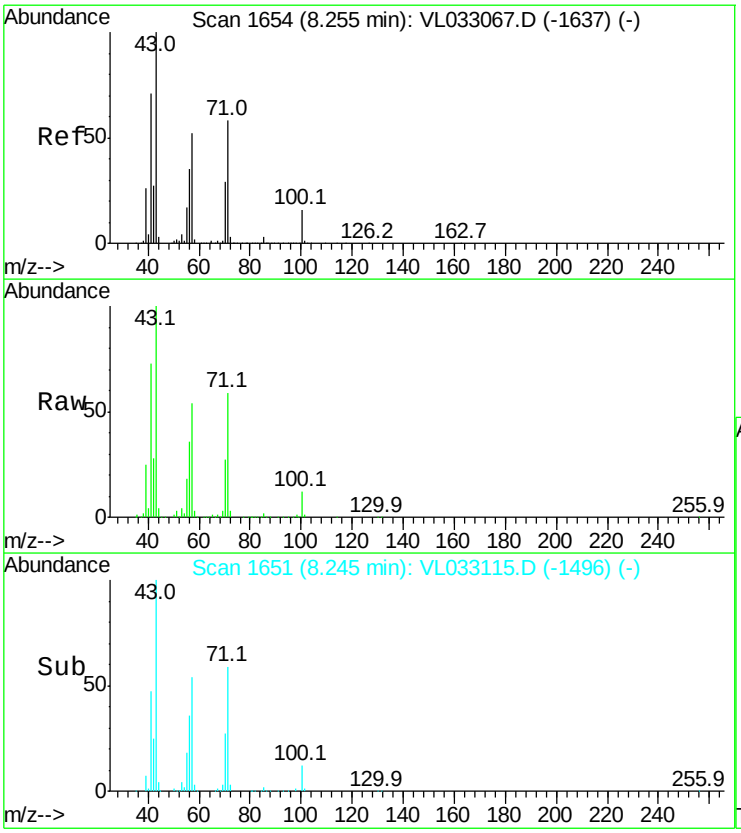
#9
Propene
Concen: 2.672 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 128538

Ion	Ratio	Lower	Upper
41	100		
42	69.7	54.6	82.0

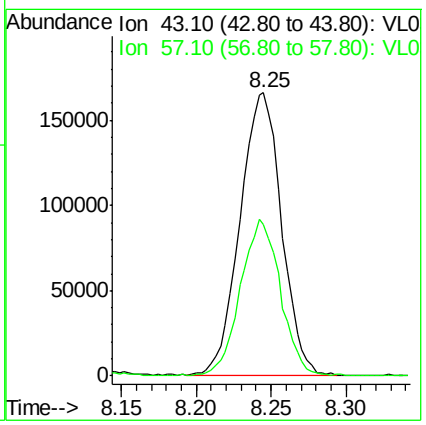


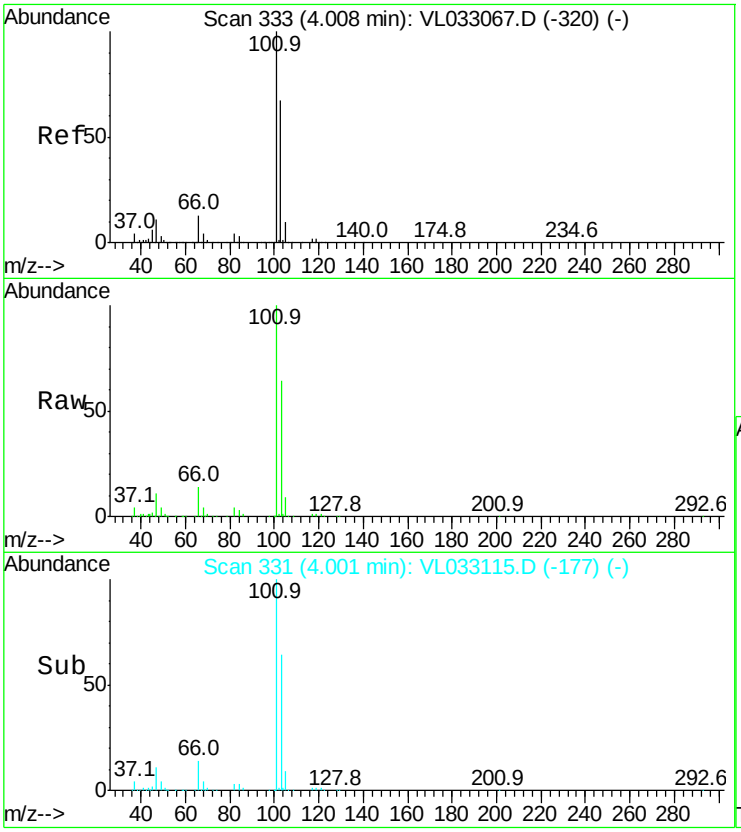


#10
Heptane
Concen: 2.328 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 318905

Ion	Ratio	Lower	Upper
43	100		
57	53.9	42.2	63.2



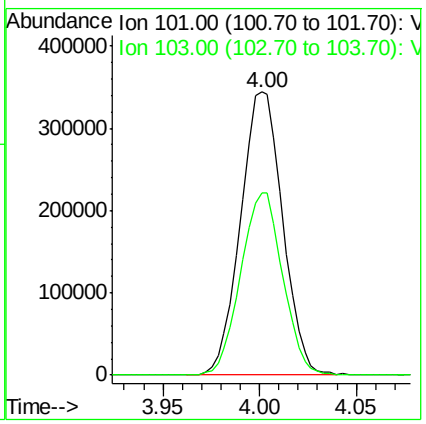


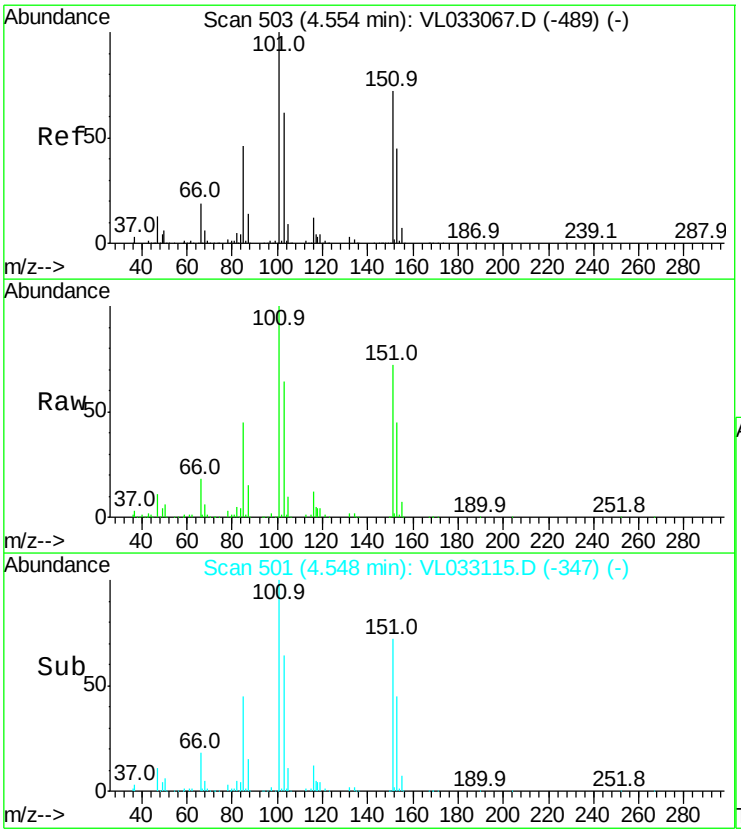
#11
Trichlorofluoromethane
Concen: 2.231 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 521907

Ion	Ratio	Lower	Upper
101	100		
103	64.2	49.4	74.0

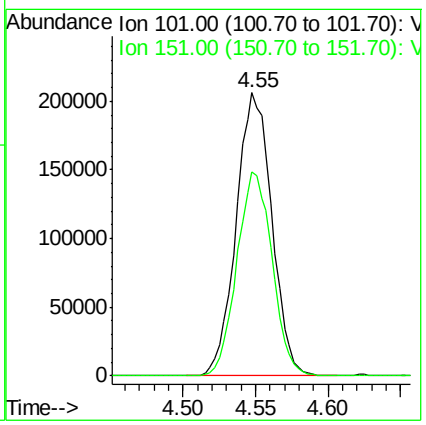


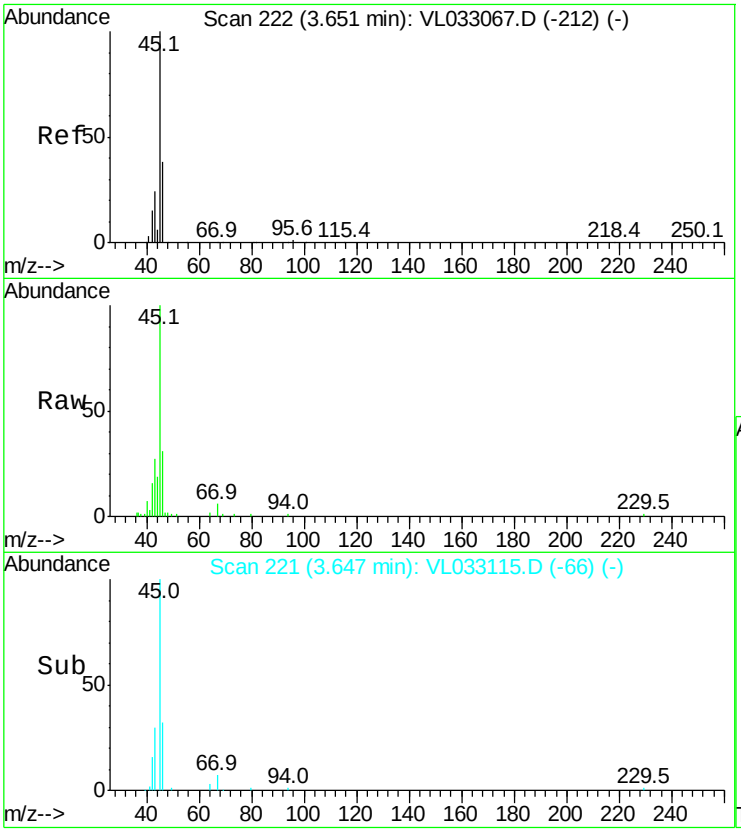


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.383 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:101 Resp: 352548

Ion	Ratio	Lower	Upper
101	100		
151	71.5	57.9	86.9



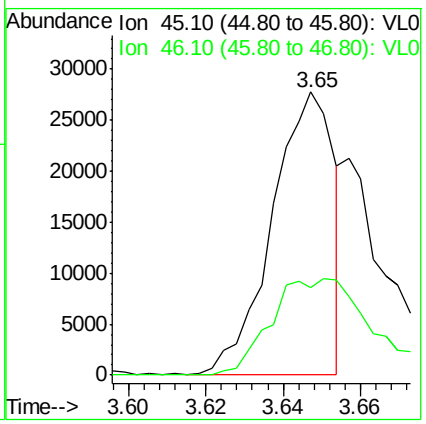


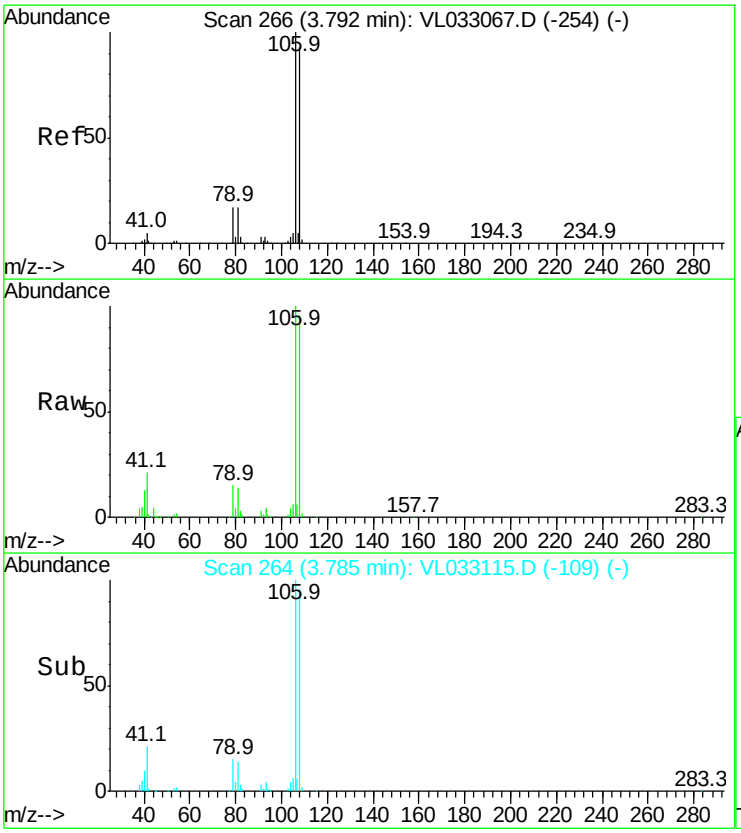
#13
Ethanol
Concen: 1.607 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 30832

Ion	Ratio	Lower	Upper
45	100		
46	60.8	15.0	60.2#

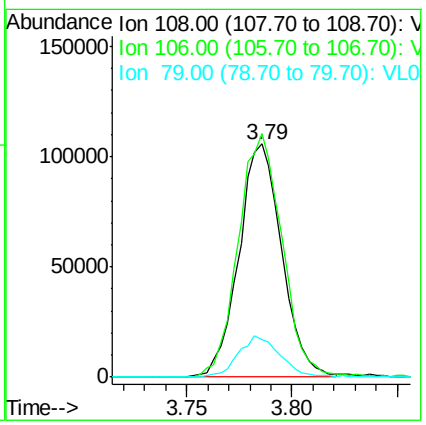


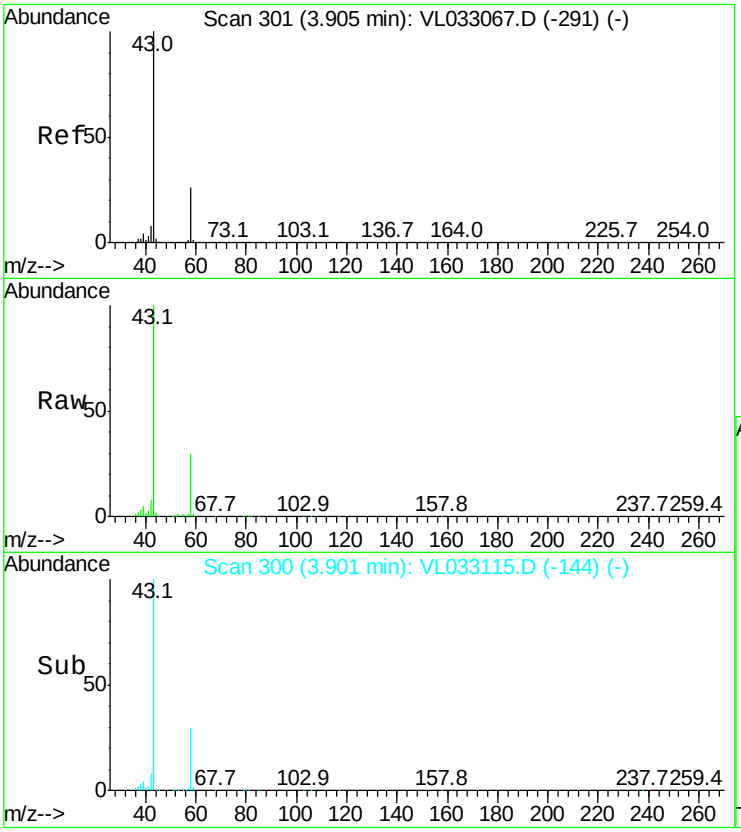


#14
Bromoethene
Concen: 2.291 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:108 Resp: 149729

Ion	Ratio	Lower	Upper
108	100		
106	107.3	85.5	128.3
79	17.6	13.8	20.6



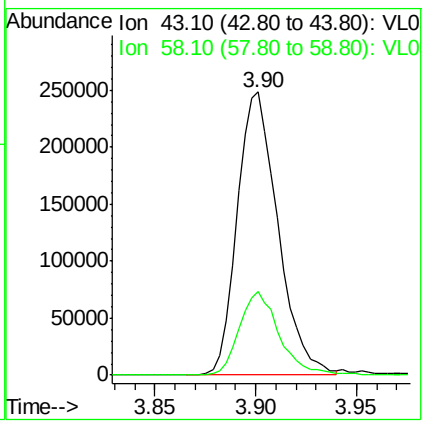


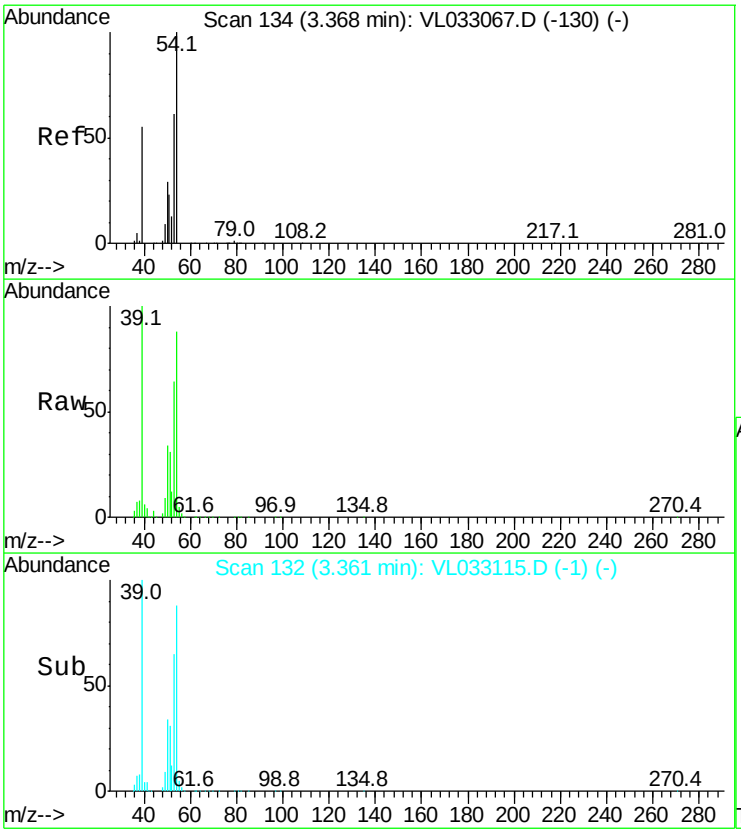
#15
Acetone
Concen: 2.230 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 351222

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.1	31.7

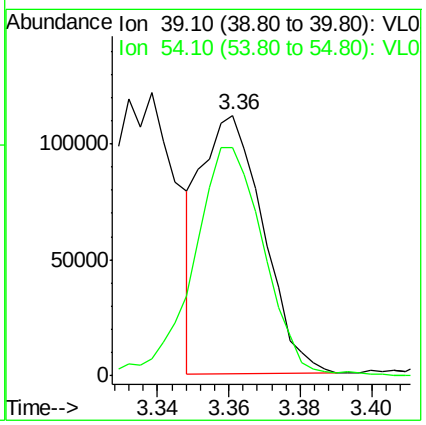


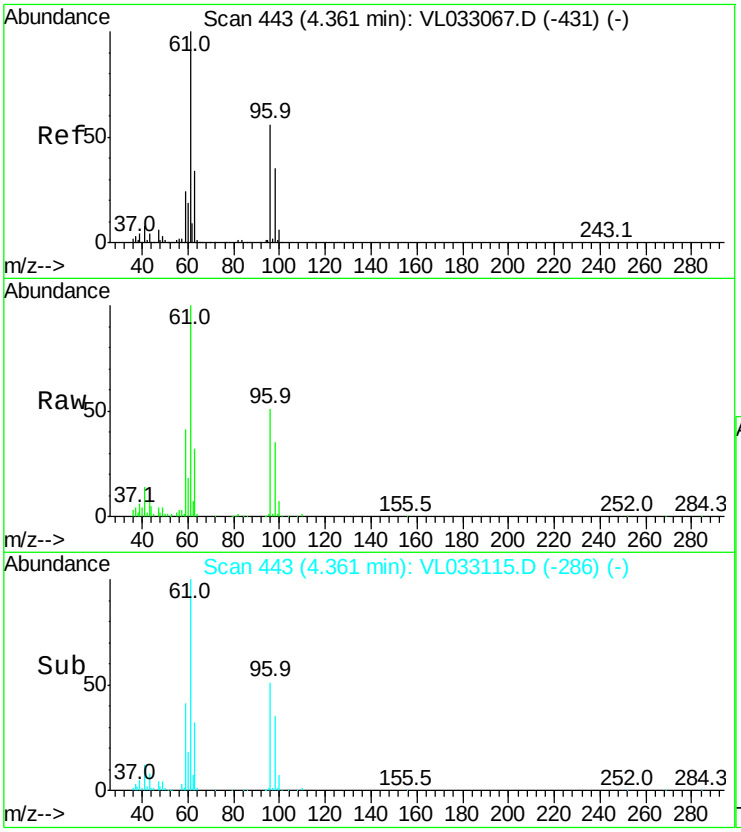


#16
1,3-Butadiene
Concen: 2.270 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 39 Resp: 134828

Ion	Ratio	Lower	Upper
39	100		
54	100.7	80.0	120.0



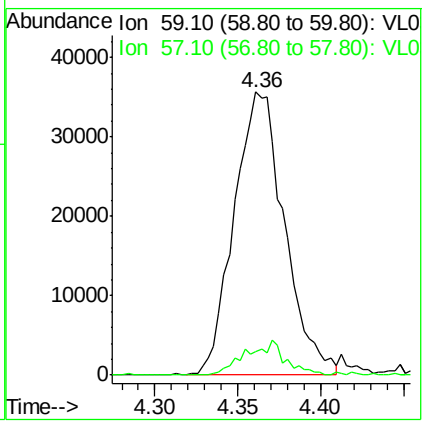


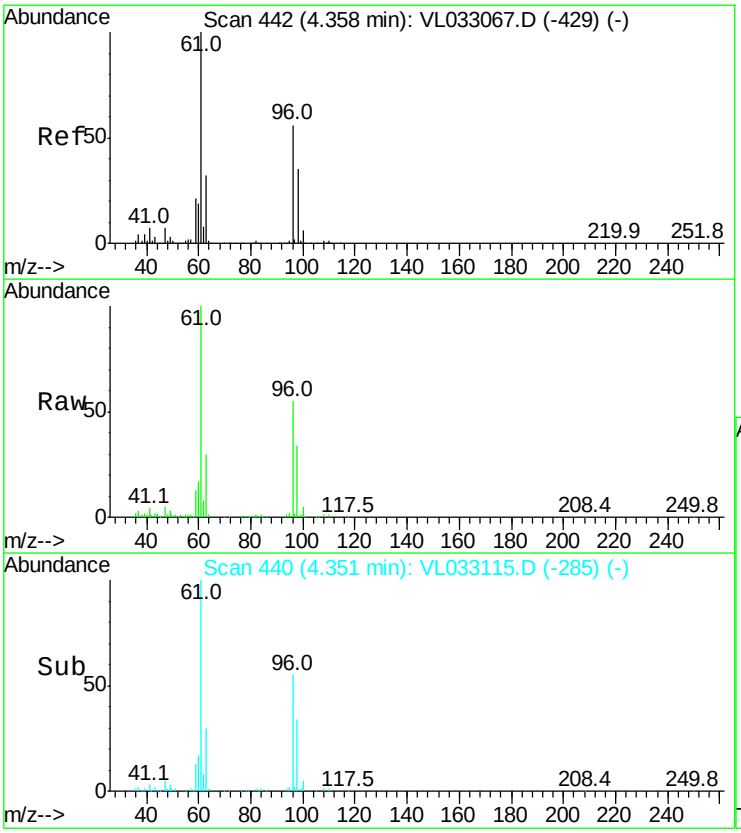
#17
tert-Butyl alcohol
Concen: 2.254 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 59 Resp: 75196

Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.4	11.2

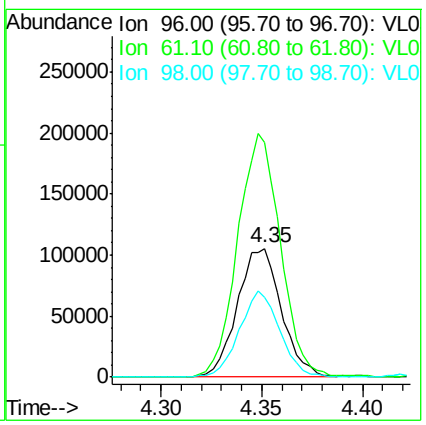


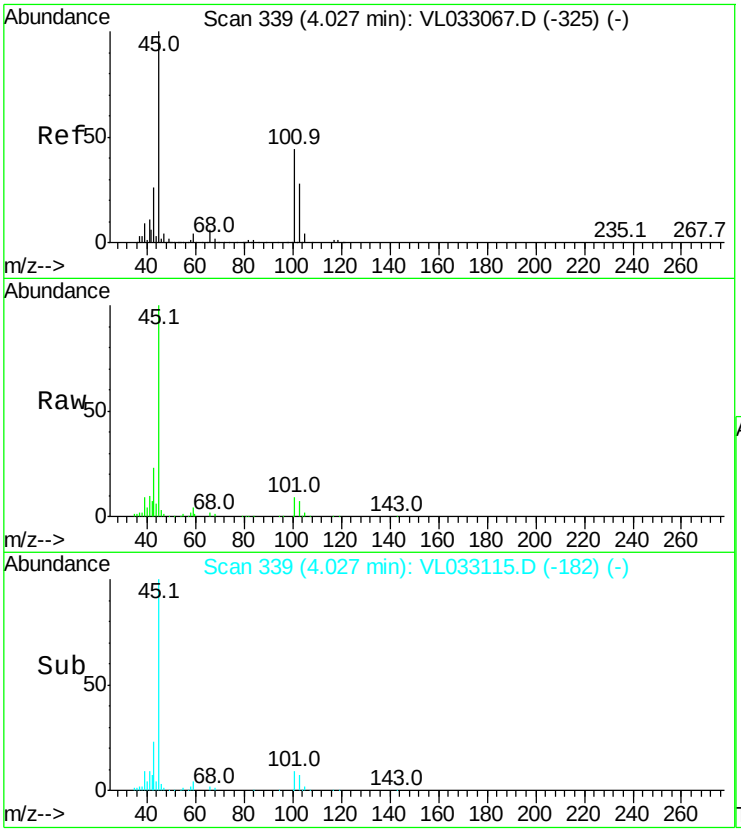


#18
1,1-Dichloroethene
Concen: 2.366 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 96 Resp: 161205

Ion	Ratio	Lower	Upper
96	100		
61	182.4	142.6	213.8
98	61.7	51.4	77.0



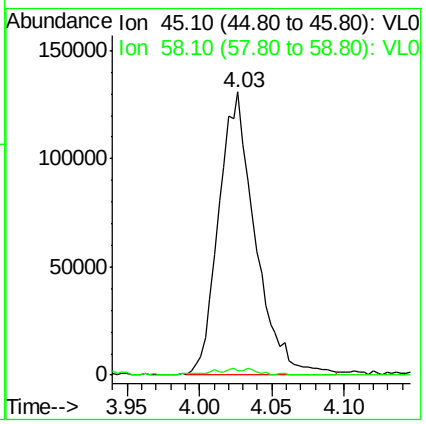


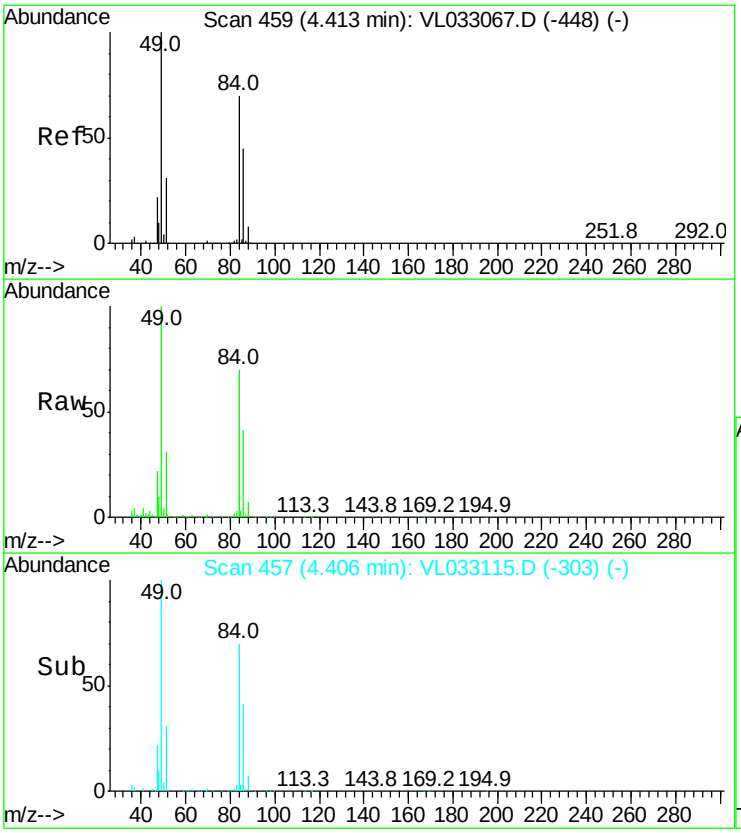
#19
Isopropyl Alcohol
Concen: 2.088 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 226405

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.4	2.2#

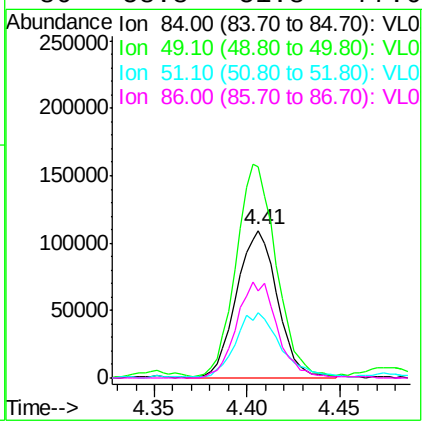


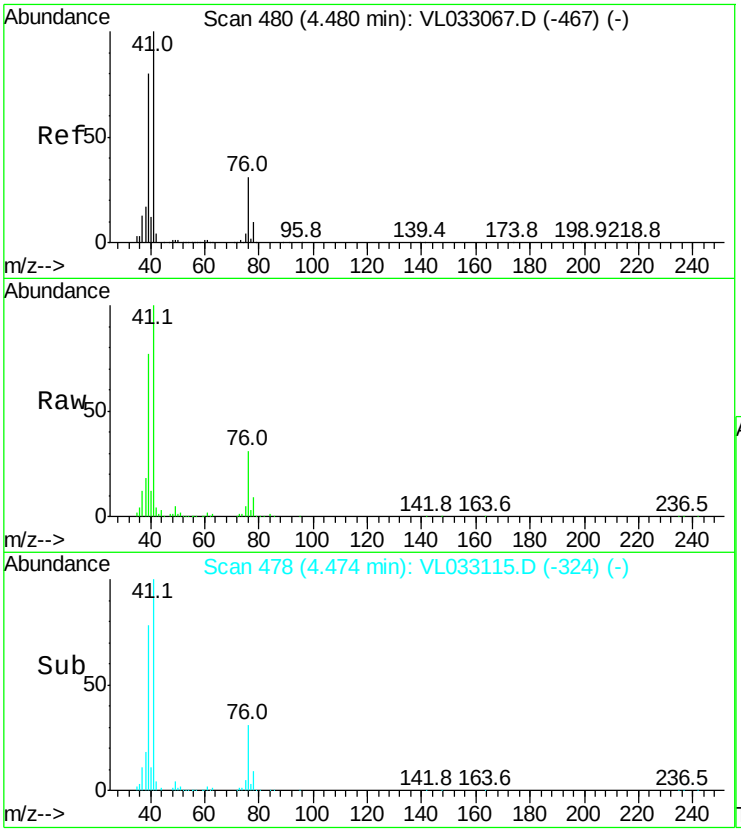


#20
Methylene Chloride
Concen: 2.564 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 84 Resp: 168357

Ion	Ratio	Lower	Upper
84	100		
49	141.5	113.8	170.6
51	43.6	34.5	51.7
86	58.8	51.8	77.6



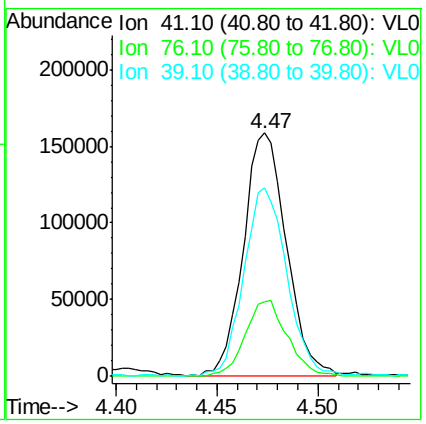


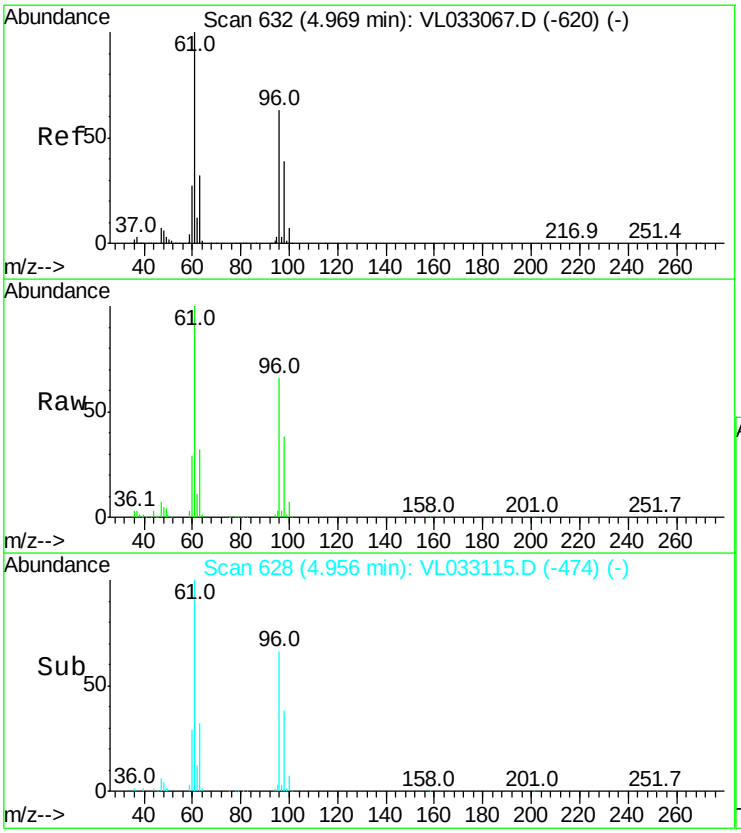
#21
Allyl Chloride
Concen: 2.434 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 237507

Ion	Ratio	Lower	Upper
41	100		
76	30.9	24.6	37.0
39	78.0	63.3	94.9

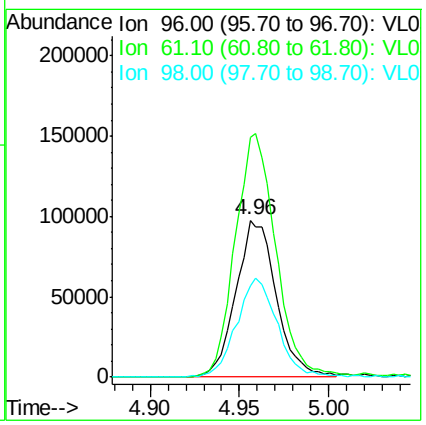


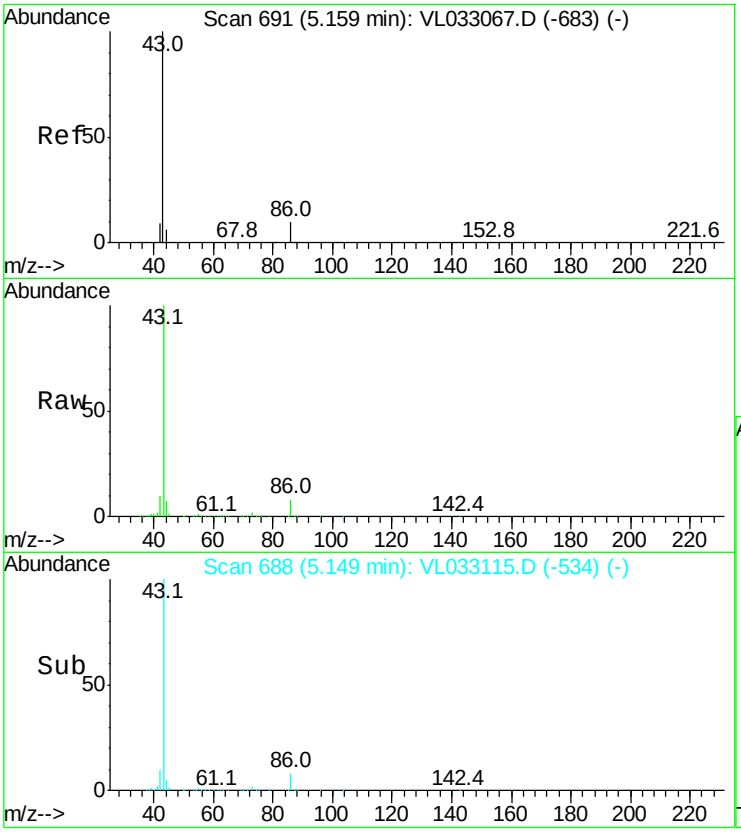


#22
trans-1,2-Dichloroethene
Concen: 2.261 ppbv
RT: 4.96 min Scan# 628
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 96 Resp: 152751

Ion	Ratio	Lower	Upper
96	100		
61	152.8	127.6	191.4
98	57.9	48.6	73.0



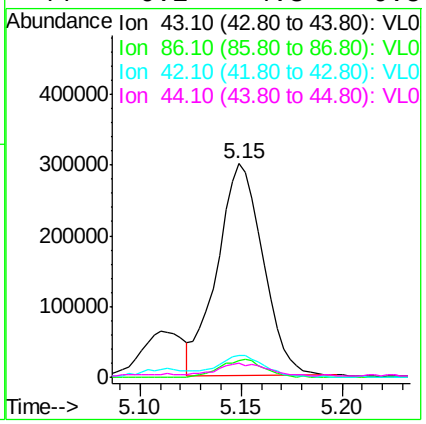


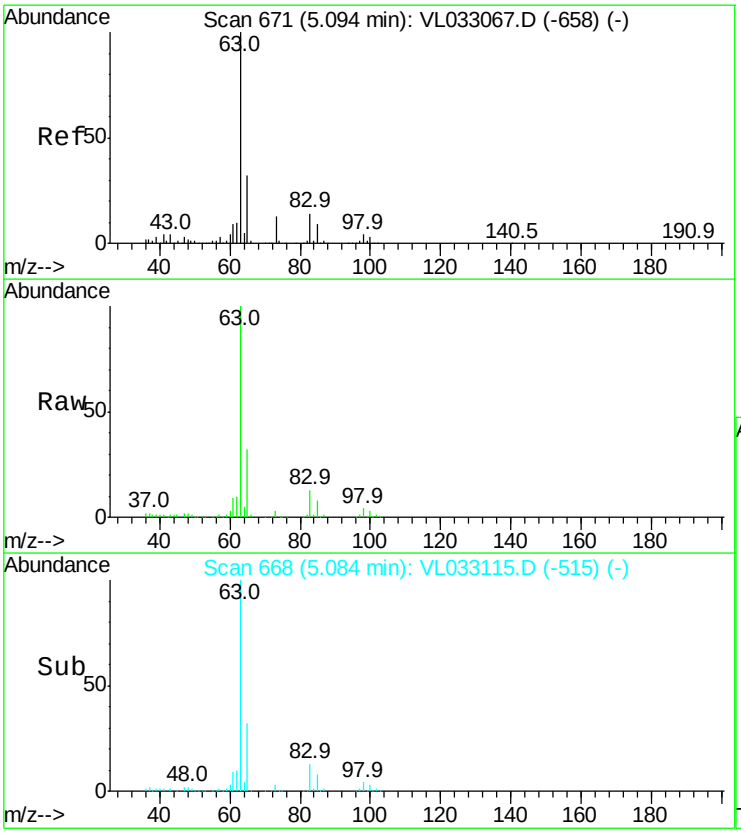
#23
Vinyl Acetate
Concen: 2.378 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 476493

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.7	10.1
42	10.2	8.1	12.1
44	6.2	4.3	6.5

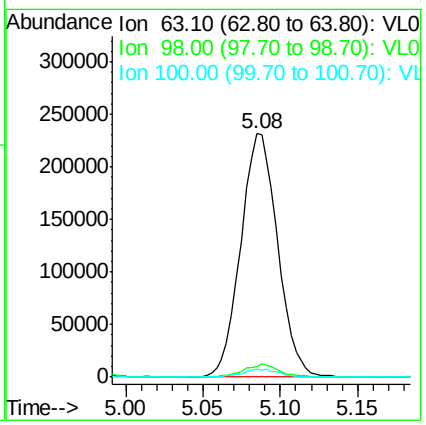


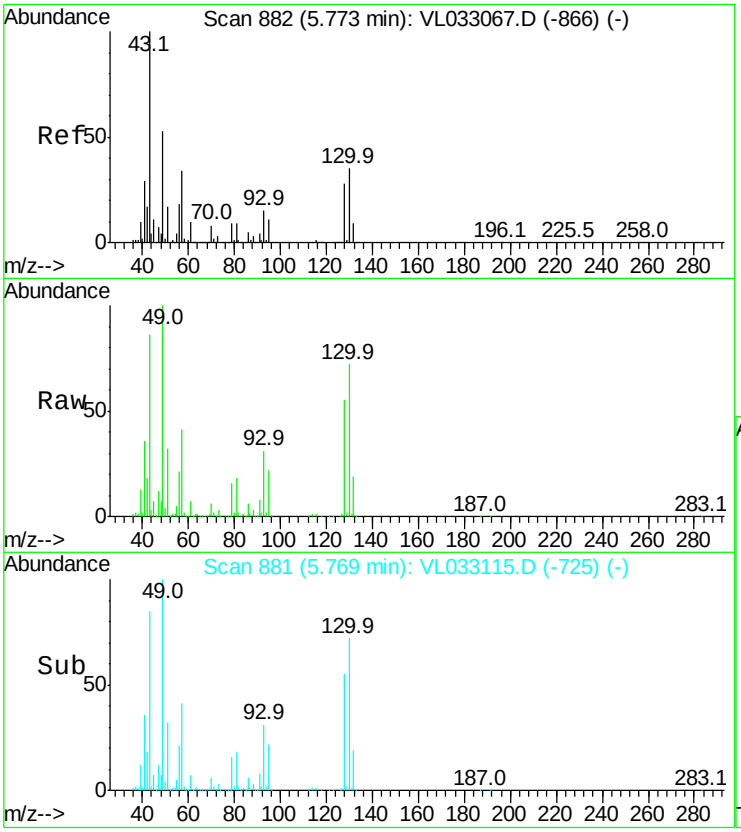


#24
1,1-Dichloroethane
Concen: 2.254 ppbv
RT: 5.08 min Scan# 668
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 63 Resp: 383325

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.5	7.4
100	3.4	1.4	4.2



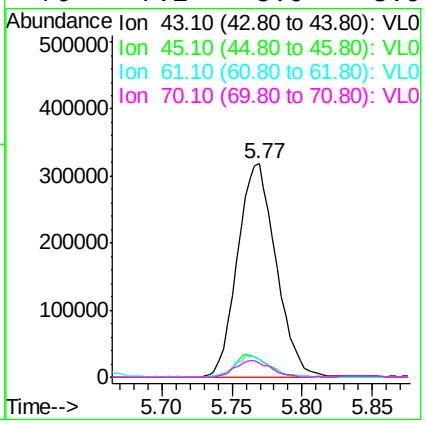


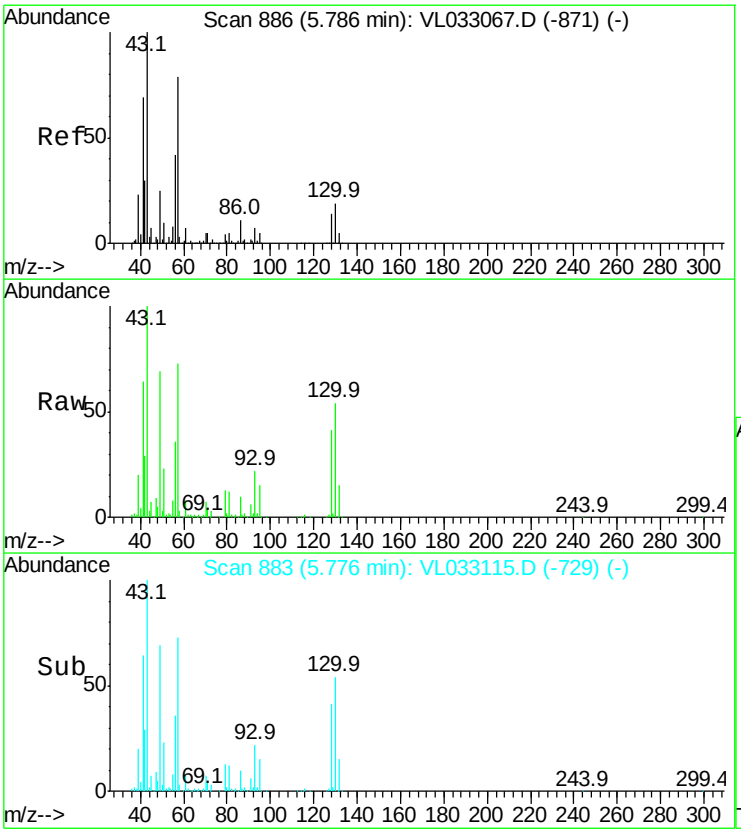
#25
Ethyl Acetate
Concen: 2.283 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 607772

Ion	Ratio	Lower	Upper
43	100		
45	9.3	8.0	12.0
61	9.0	7.6	11.4
70	7.2	5.9	8.9

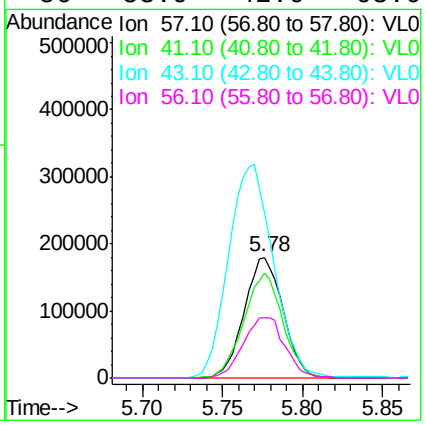


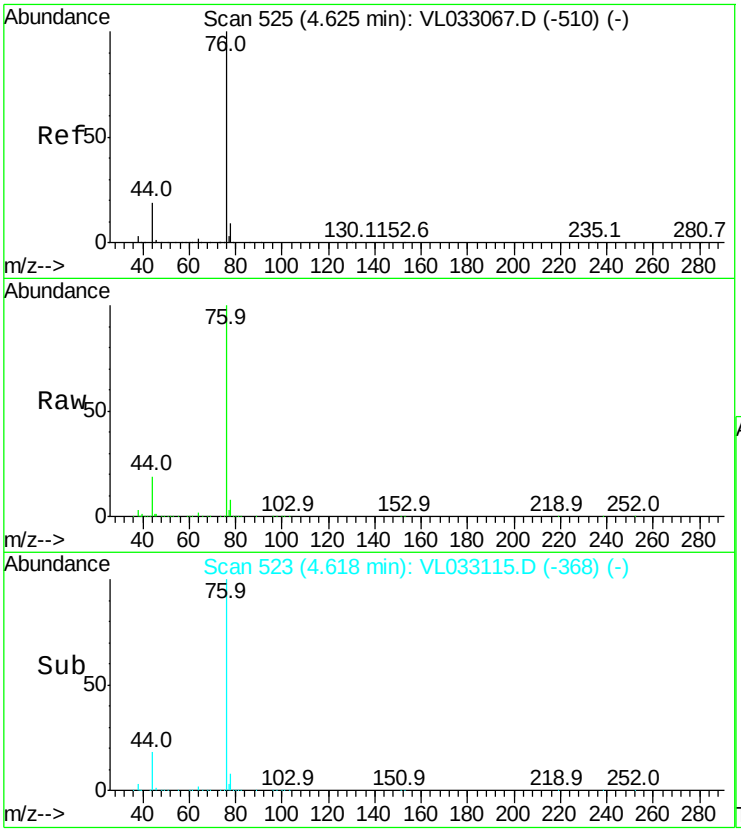


#26
Hexane
Concen: 2.387 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 57 Resp: 299209

Ion	Ratio	Lower	Upper
57	100		
41	87.7	69.9	104.9
43	204.6	169.0	253.4
56	53.9	42.0	63.0



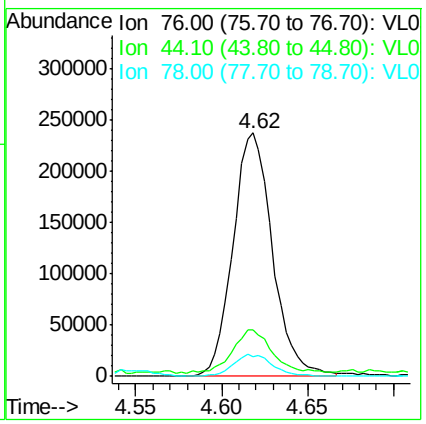


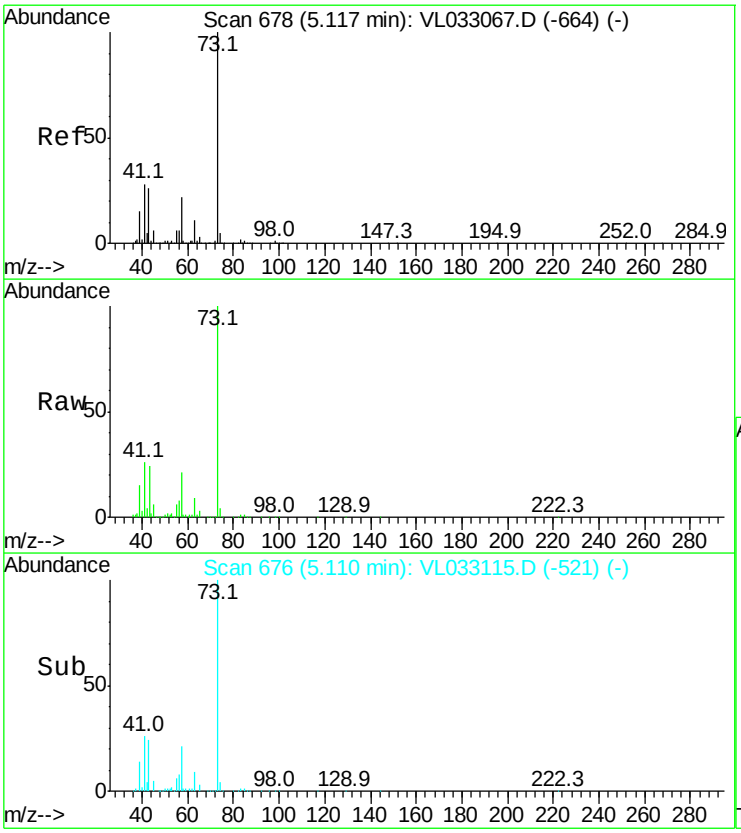
#27
Carbon Disulfide
Concen: 2.452 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 379026

Ion	Ratio	Lower	Upper
76	100		
44	20.9	15.0	22.4
78	9.1	7.6	11.4

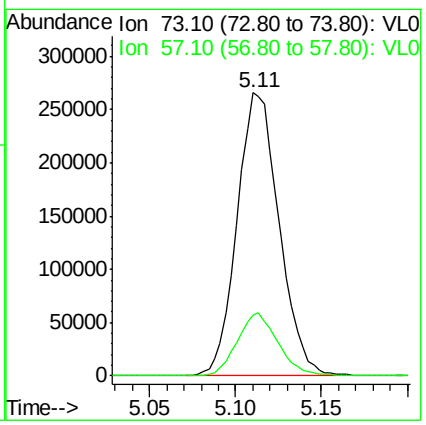


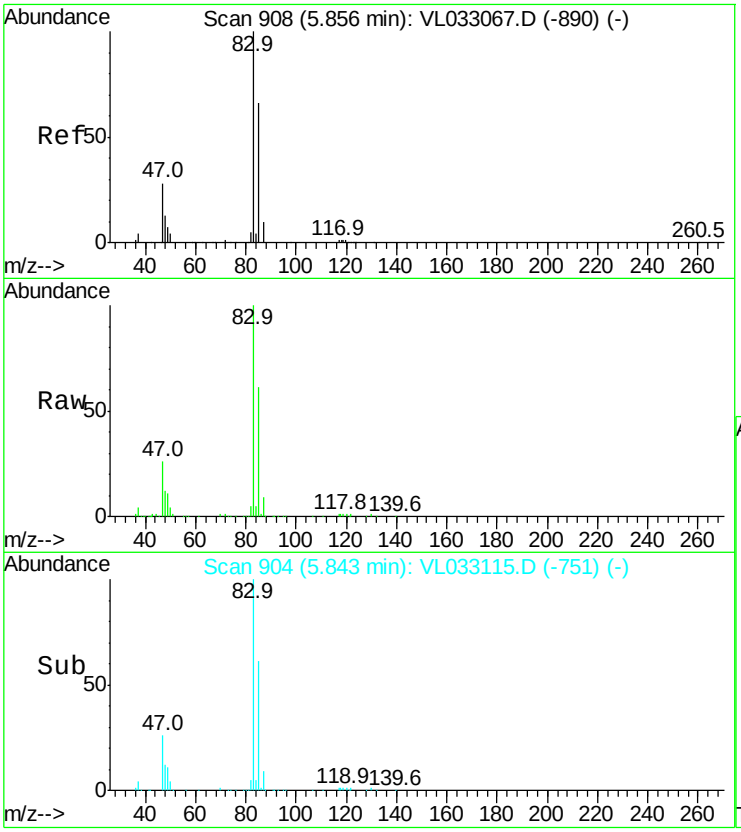


#28
Methyl tert-Butyl Ether
Concen: 2.314 ppbv
RT: 5.11 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 73 Resp: 452616

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.6	26.4



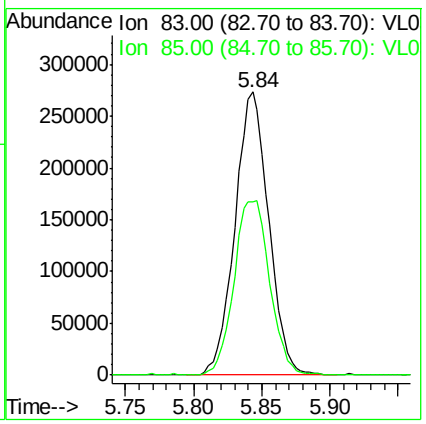


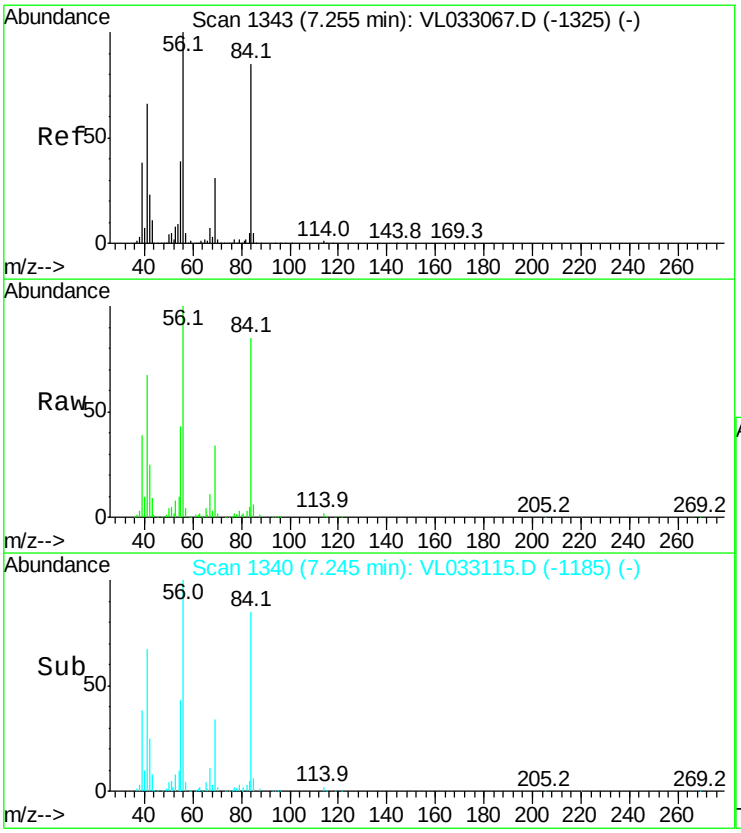
#29
Chloroform
Concen: 2.194 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 468668

Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.4	75.6

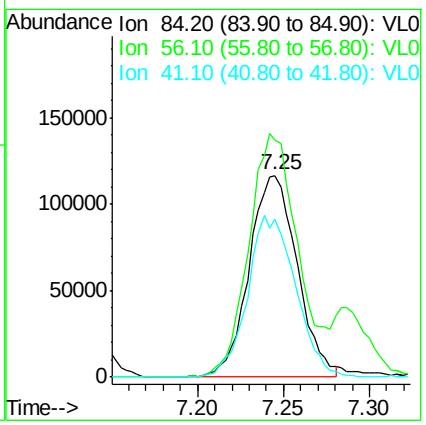


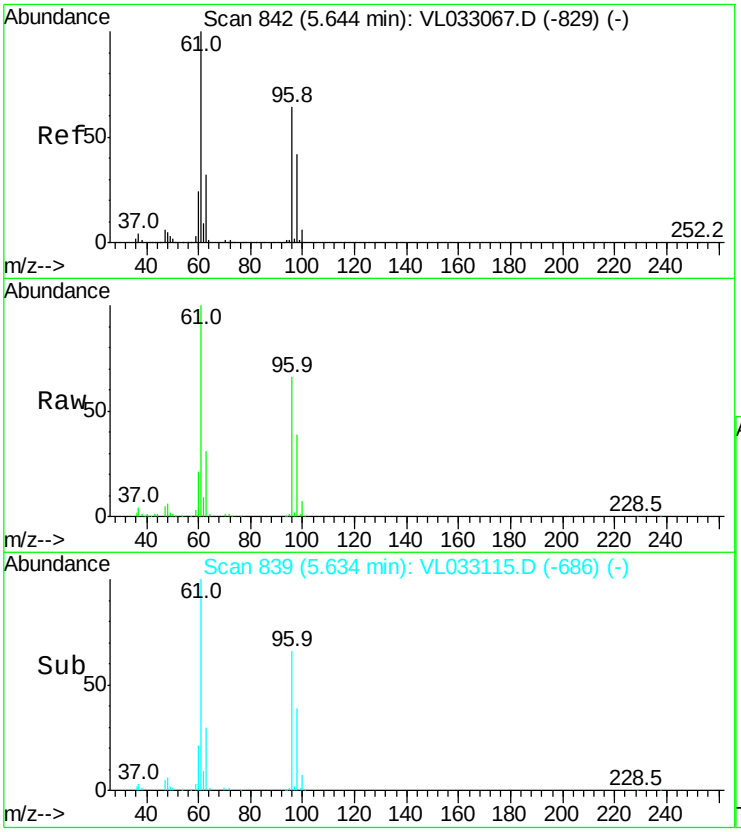


#30
Cyclohexane
Concen: 2.415 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 84 Resp: 225657

Ion	Ratio	Lower	Upper
84	100		
56	149.8	102.4	153.6
41	80.6	62.7	94.1



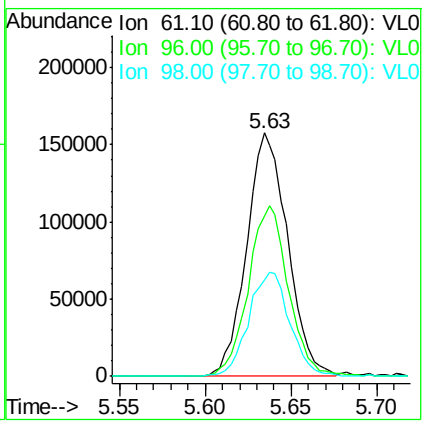


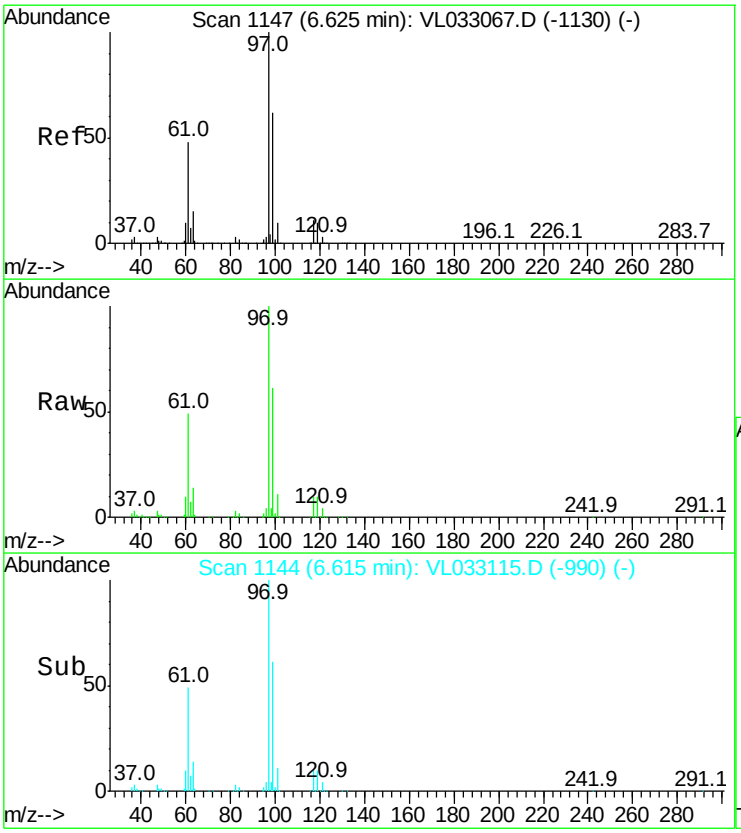
#31
cis-1,2-Dichloroethene
Concen: 2.240 ppbv
RT: 5.63 min Scan# 839
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 61 Resp: 260689

Ion	Ratio	Lower	Upper
61	100		
96	66.1	57.6	86.4
98	39.3	37.0	55.4

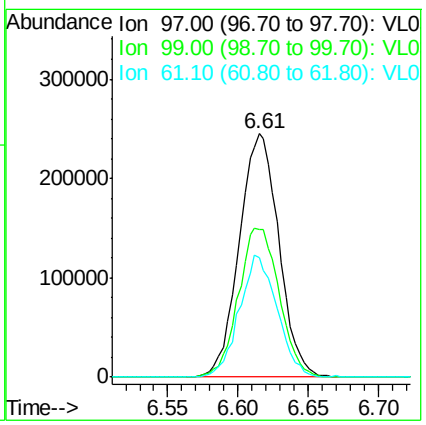


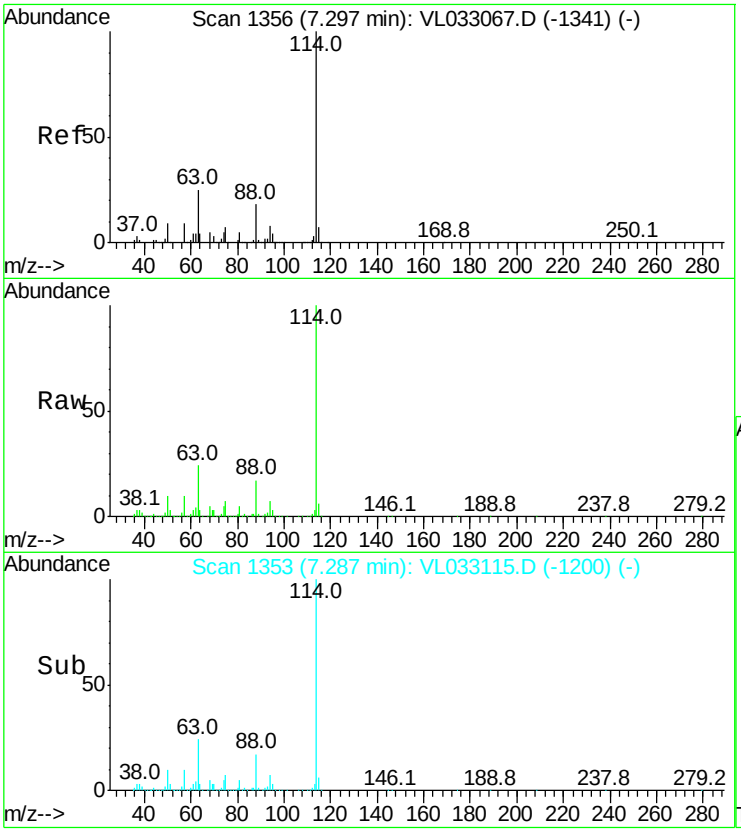


#32
1,1,1-Trichloroethane
Concen: 2.219 ppbv
RT: 6.61 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 97 Resp: 481102

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	47.9	38.6	57.8



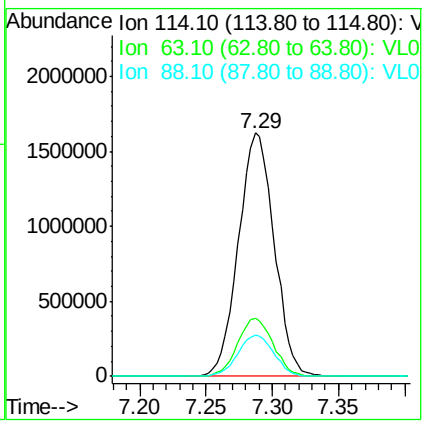


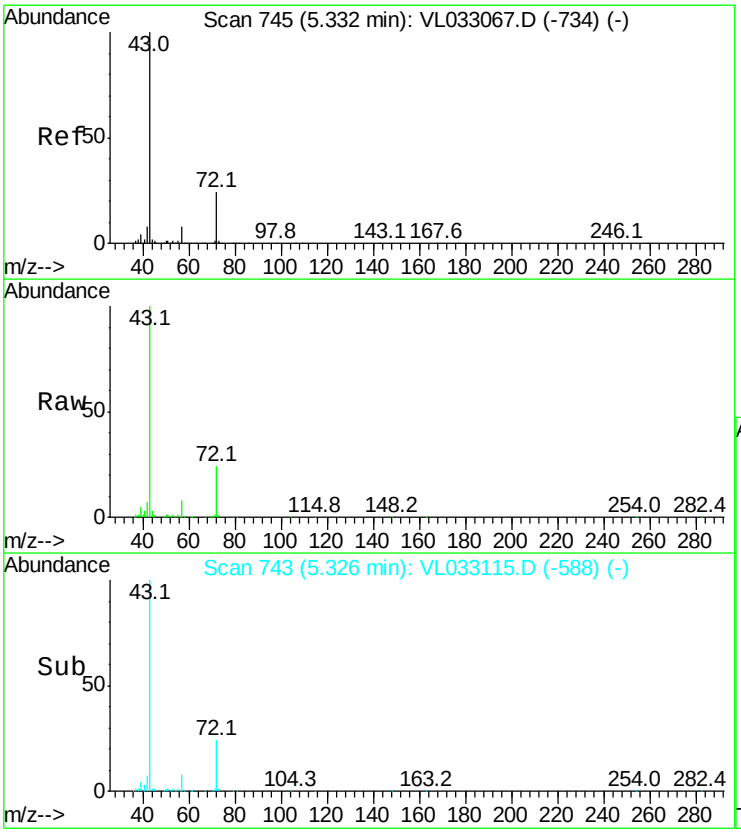
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3034163

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.8	29.8
88	17.2	14.2	21.2

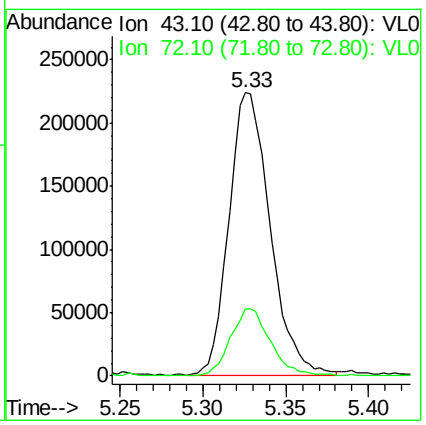


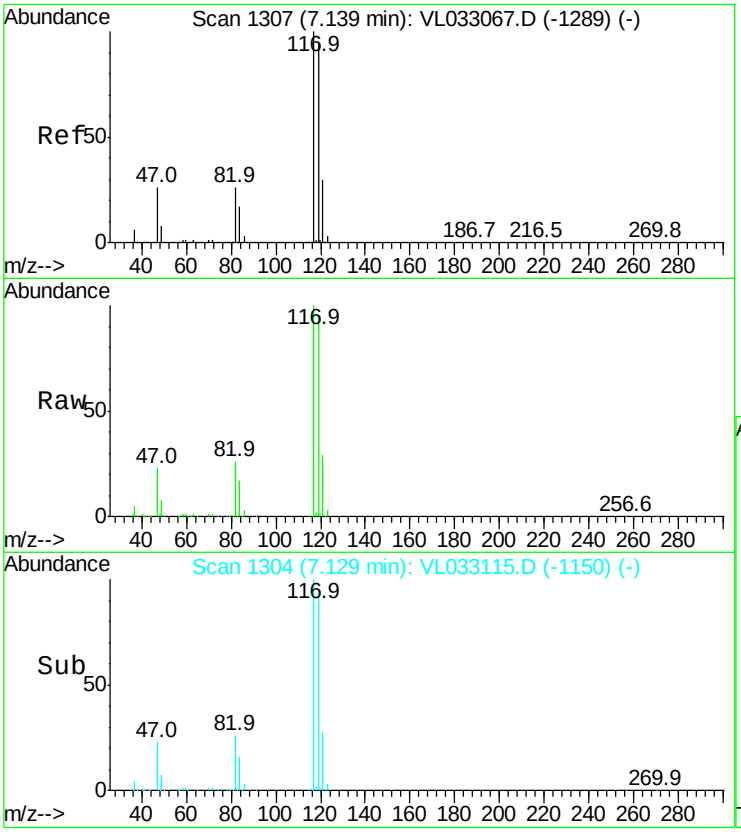


#34
2-Butanone
Concen: 2.182 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 384594

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.7	28.1



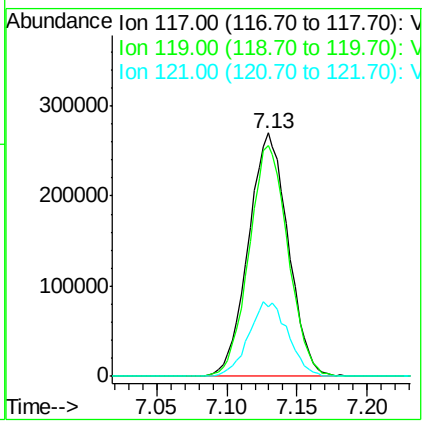


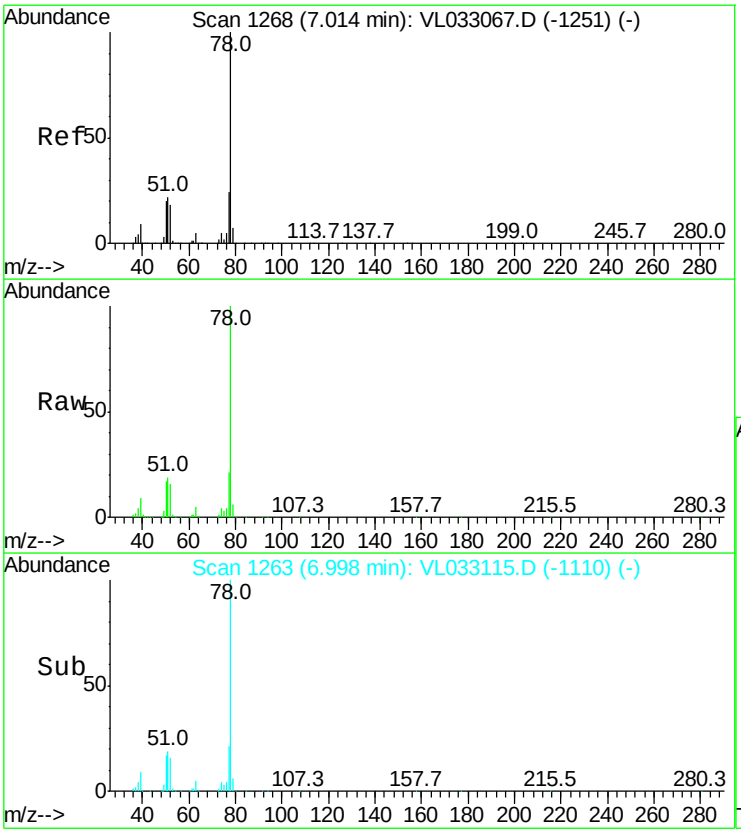
#35
Carbon Tetrachloride
Concen: 2.040 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 531729

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
121	28.5	24.6	36.8

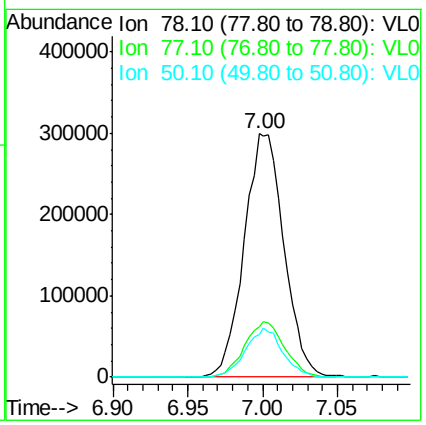


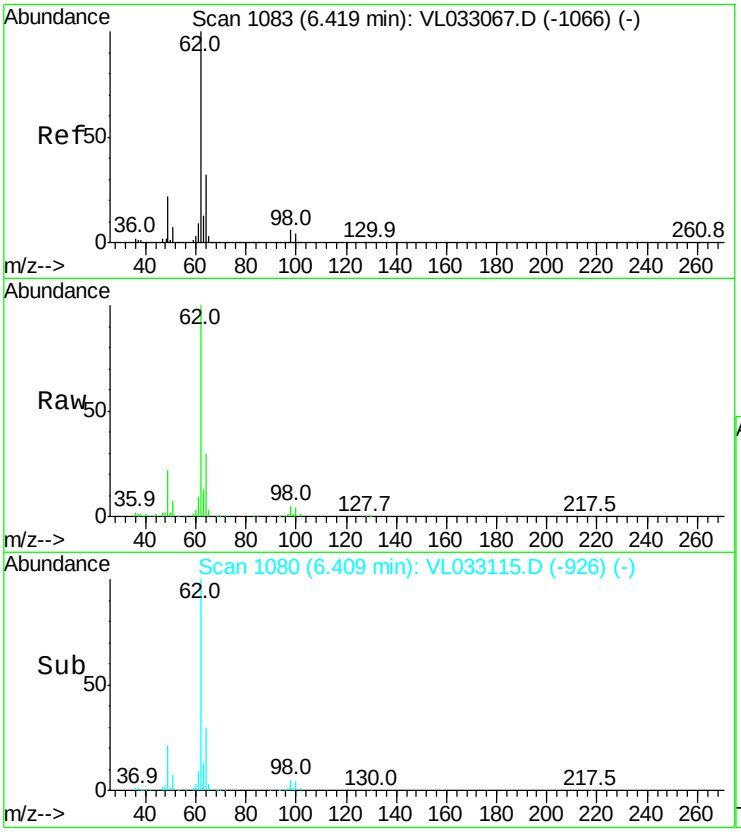


#36
Benzene
Concen: 2.233 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 78 Resp: 554876

Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.5	27.7
50	17.4	15.4	23.2



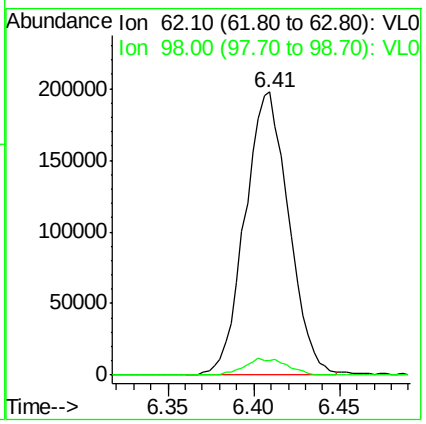


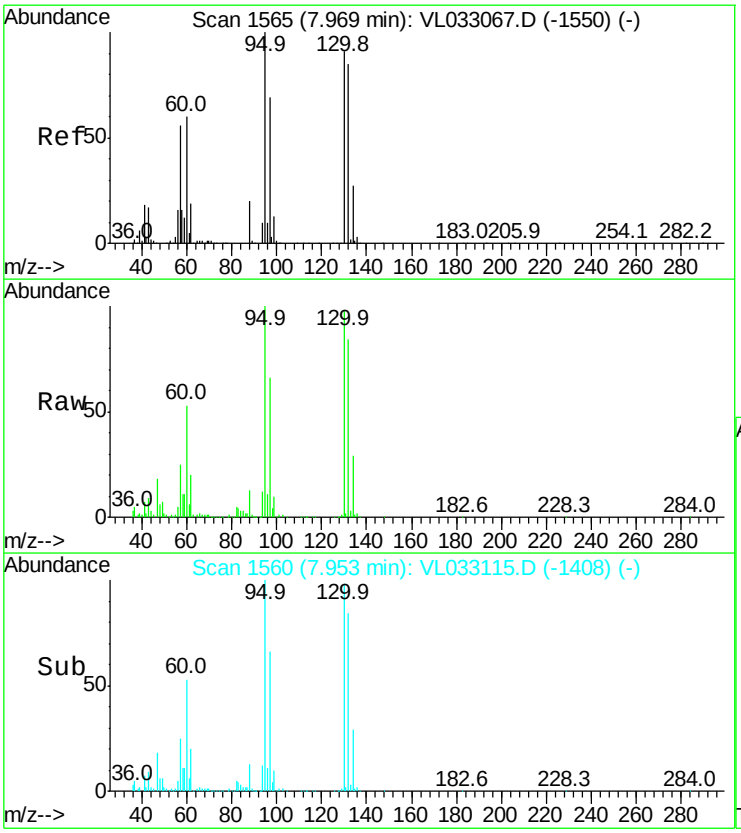
#37
1,2-Dichloroethane
Concen: 2.016 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 349881

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.6	7.0

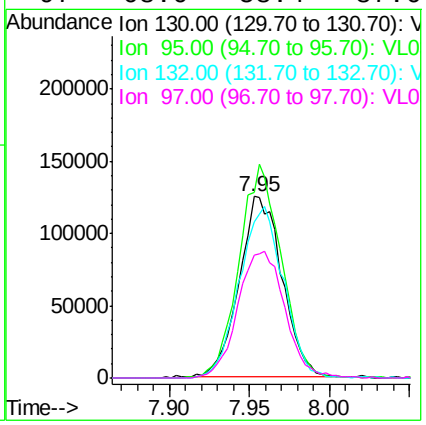


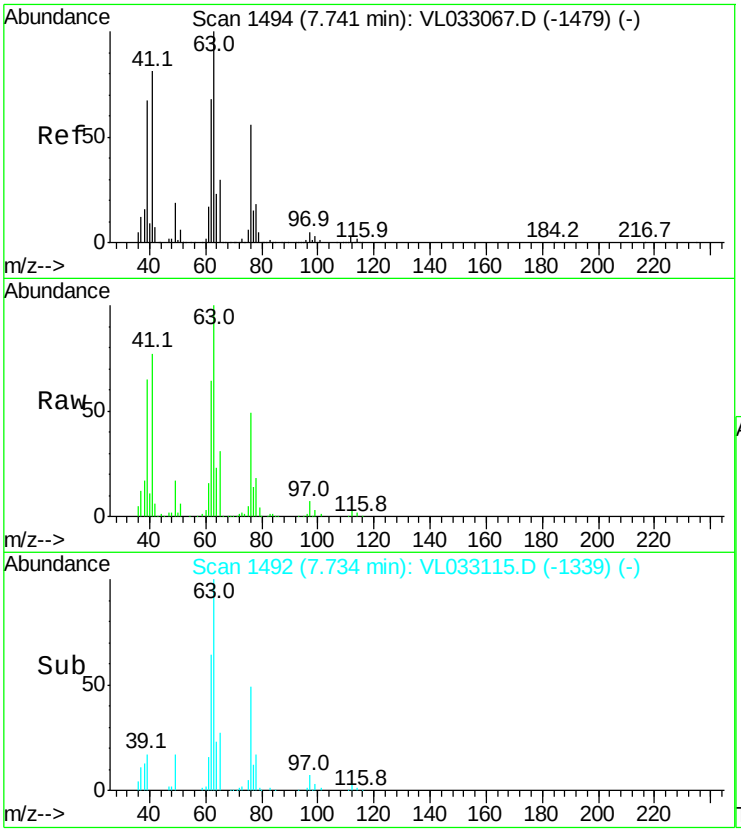


#38
Trichloroethene
Concen: 2.242 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:130 Resp: 229263

Ion	Ratio	Lower	Upper
130	100		
95	102.5	94.0	141.0
132	86.2	79.7	119.5
97	68.0	58.4	87.6



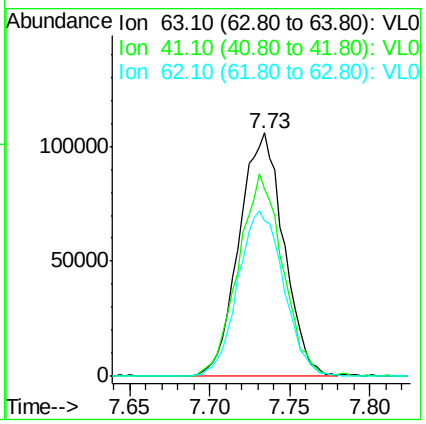


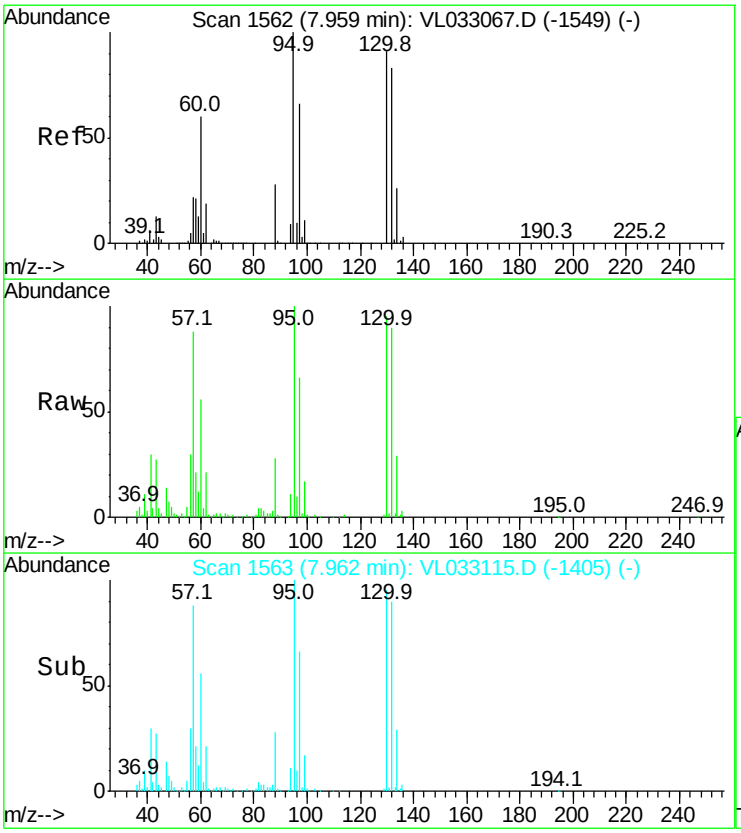
#39
1,2-Dichloropropane
Concen: 2.150 ppbv
RT: 7.73 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 200789

Ion	Ratio	Lower	Upper
63	100		
41	77.4	57.8	86.8
62	63.9	54.6	82.0

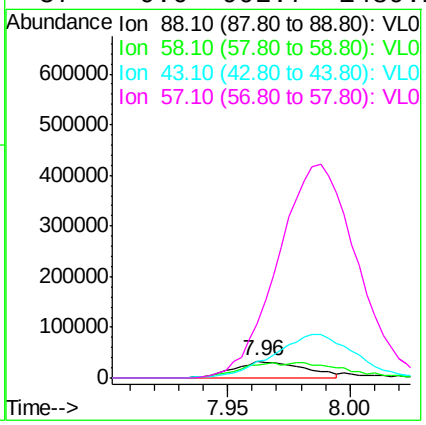


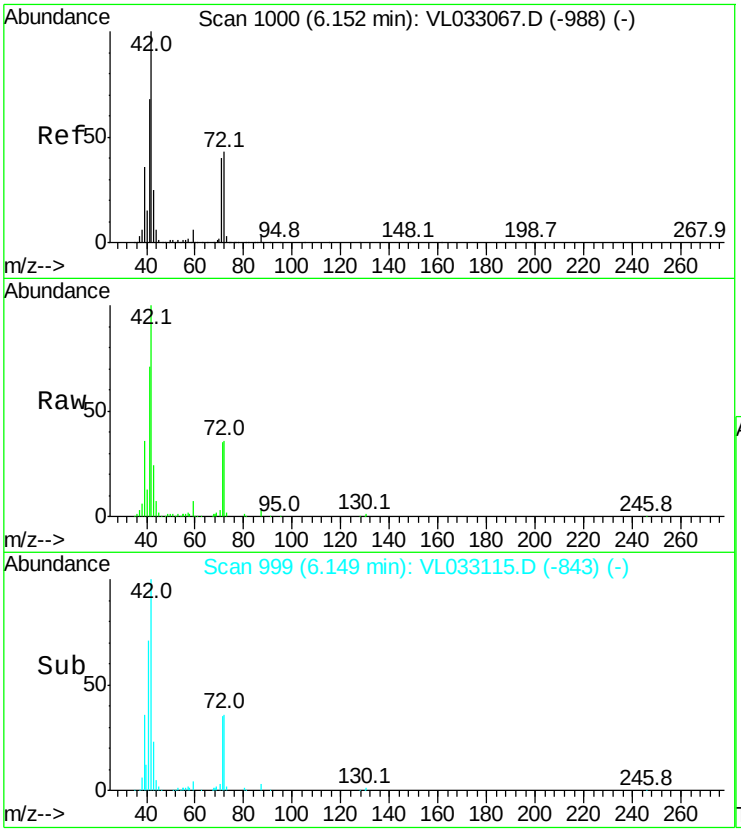


#40
1,4-Dioxane
Concen: 1.826 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 88 Resp: 64711

Ion	Ratio	Lower	Upper
88	100		
58	0.0	103.5	155.3#
43	0.0	217.8	326.8#
57	0.0	992.7	1489.1#



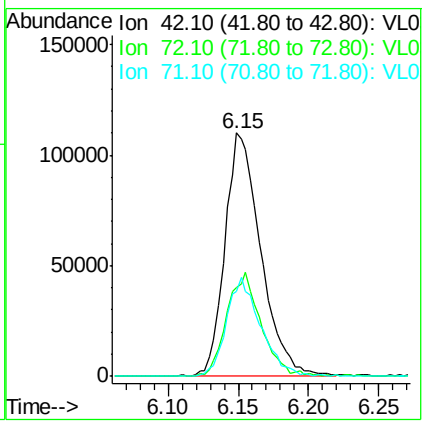


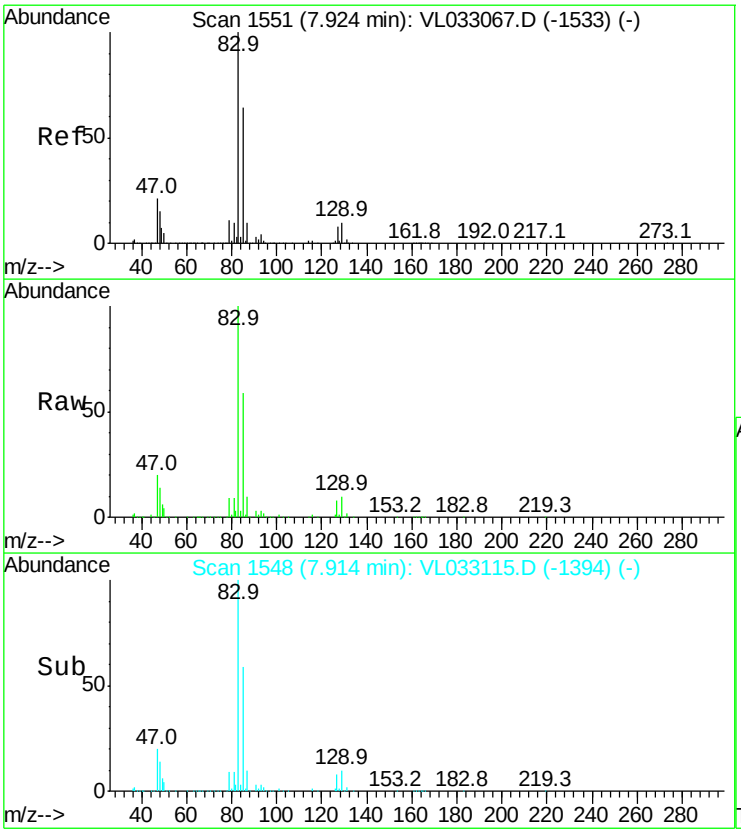
#41
Tetrahydrofuran
Concen: 2.189 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 196428

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.8	50.8
71	39.0	31.6	47.4

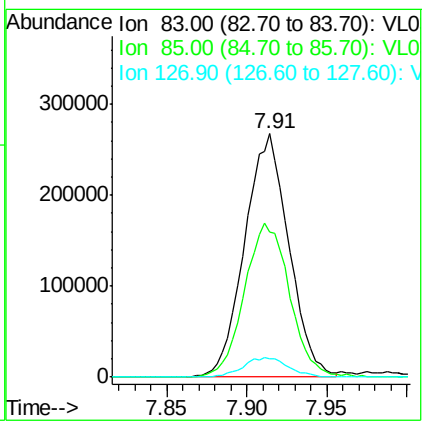


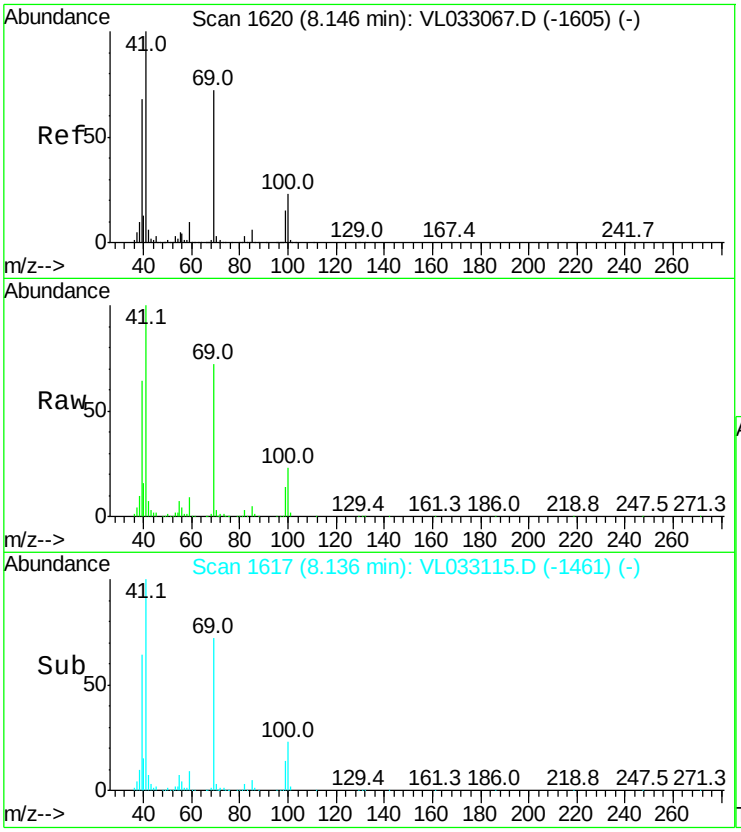


#42
Bromodichloromethane
Concen: 2.123 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 83 Resp: 506034

Ion	Ratio	Lower	Upper
83	100		
85	59.5	52.9	79.3
127	7.6	6.7	10.1



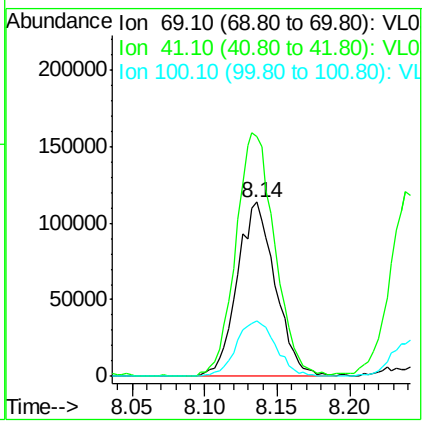


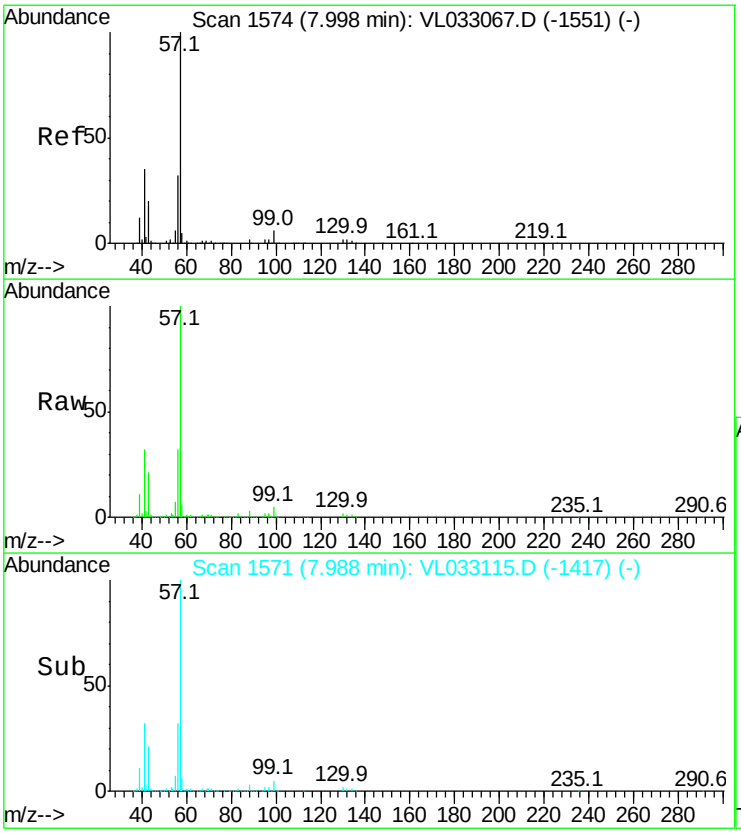
#43
Methyl Methacrylate
Concen: 2.230 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 207972

Ion	Ratio	Lower	Upper
69	100		
41	142.4	113.9	170.9
100	33.2	26.2	39.4

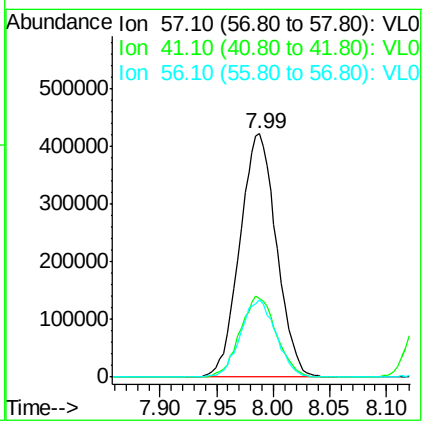


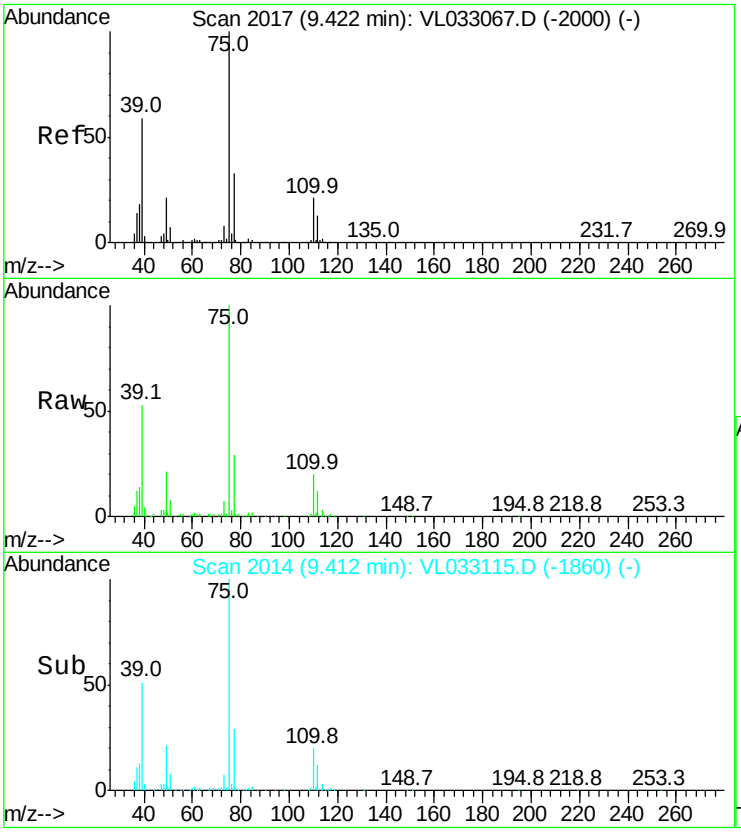


#44
2,2,4-Trimethylpentane
Concen: 2.254 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 57 Resp: 948641

Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.1	39.1
56	30.9	25.0	37.4



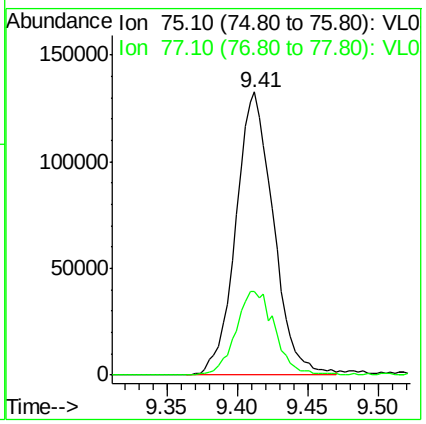


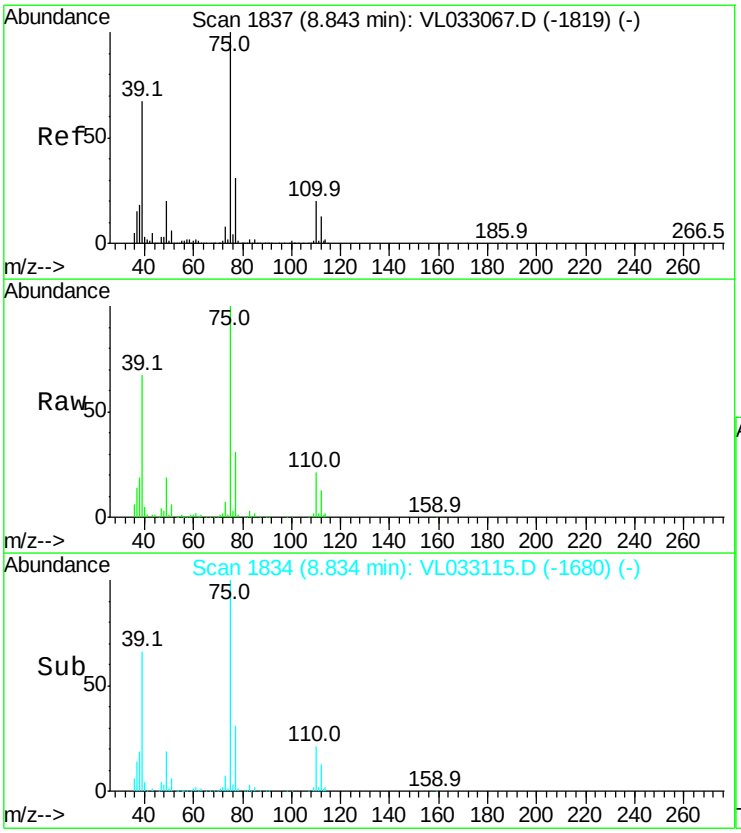
#45
t-1,3-Dichloropropene
Concen: 2.121 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 246275

Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.9	37.3

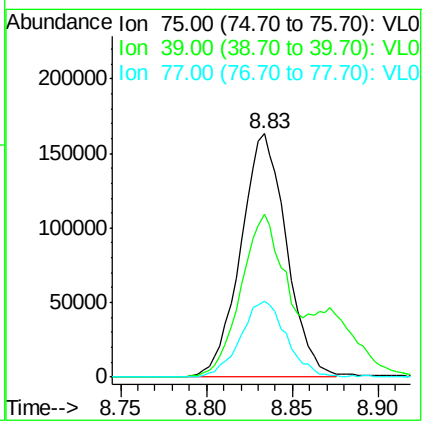


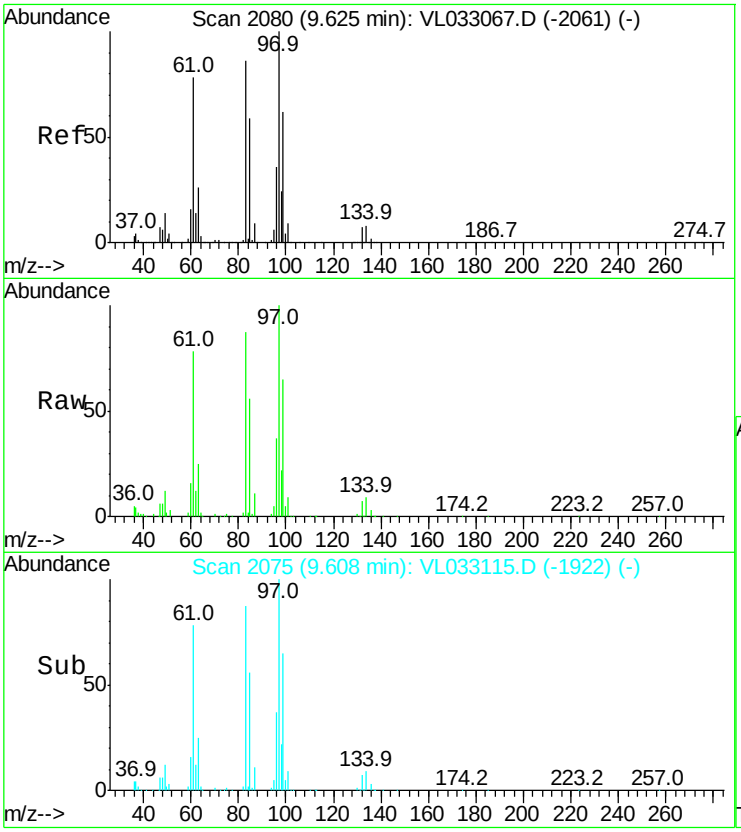


#46
cis-1,3-Dichloropropene
Concen: 2.267 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 75 Resp: 300342

Ion	Ratio	Lower	Upper
75	100		
39	66.6	52.0	78.0
77	31.0	25.5	38.3



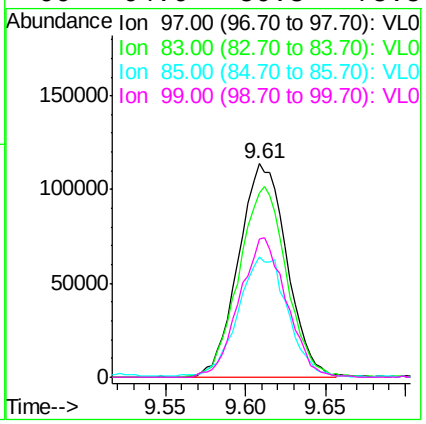


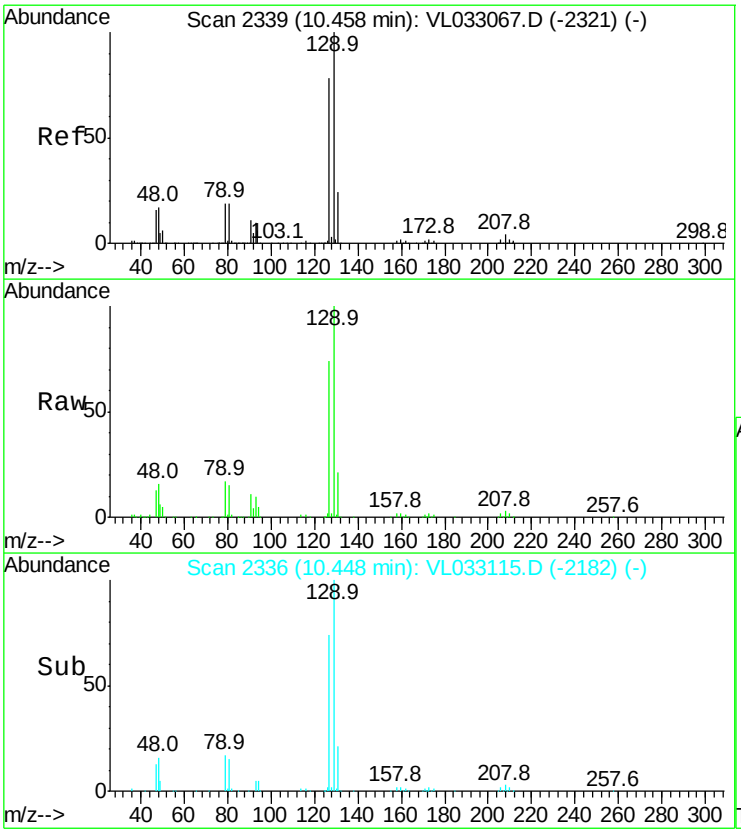
#47
1,1,2-Trichloroethane
Concen: 2.150 ppbv
RT: 9.61 min Scan# 2075
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 234512

Ion	Ratio	Lower	Upper
97	100		
83	86.1	71.4	107.2
85	55.7	47.2	70.8
99	64.6	50.3	75.5

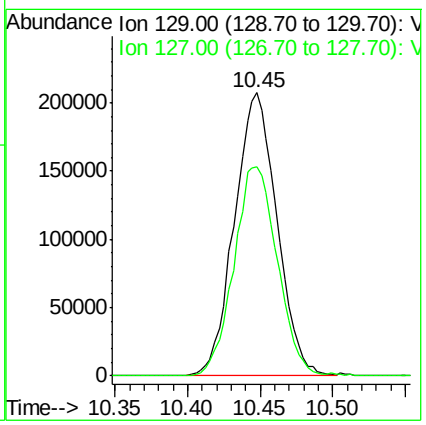


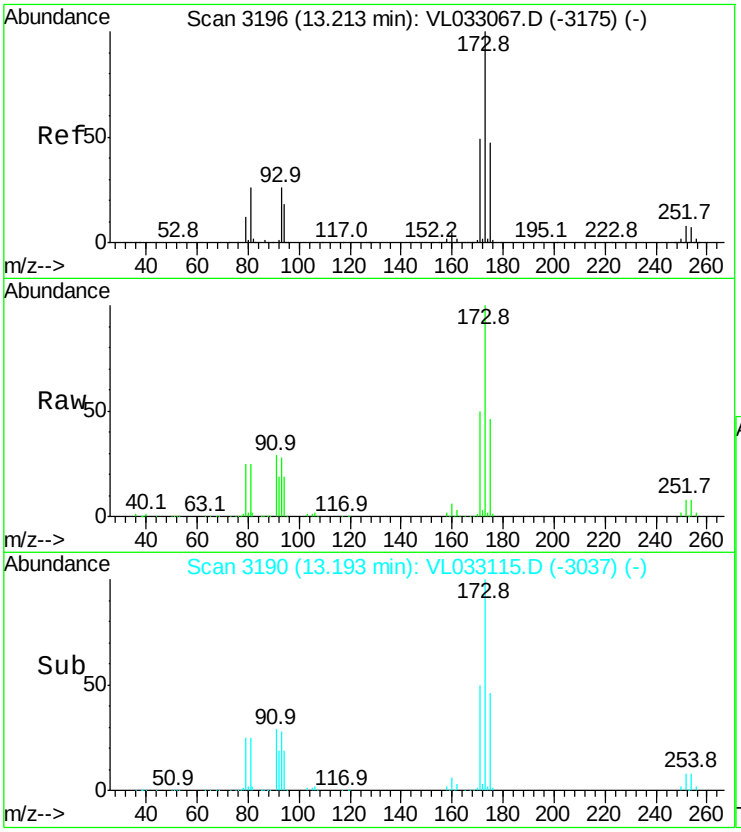


#48
Dibromochloromethane
Concen: 2.187 ppbv
RT: 10.45 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:129 Resp: 421524

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.3	117.9



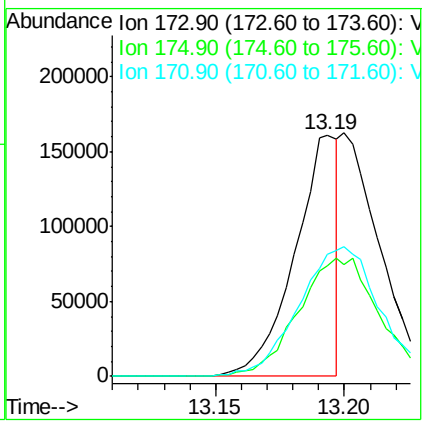


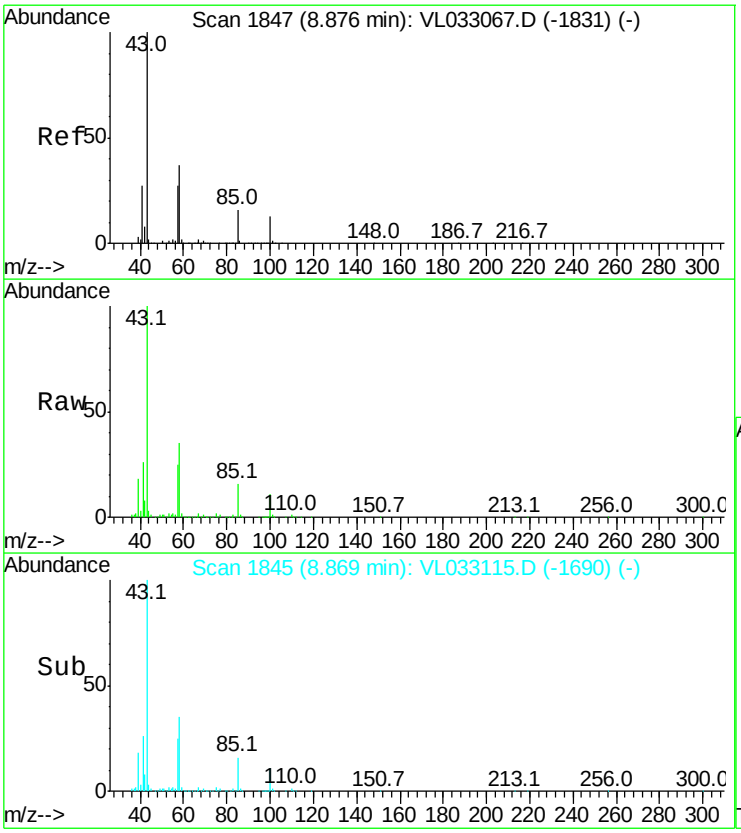
#49
Bromoform
Concen: 1.103 ppbv
RT: 13.19 min Scan# 3190
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 185746

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.9	58.3#
171	0.0	41.8	62.6#

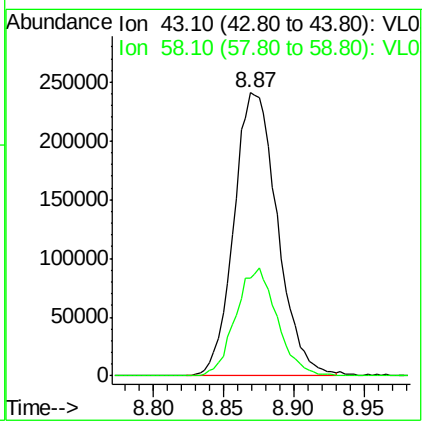


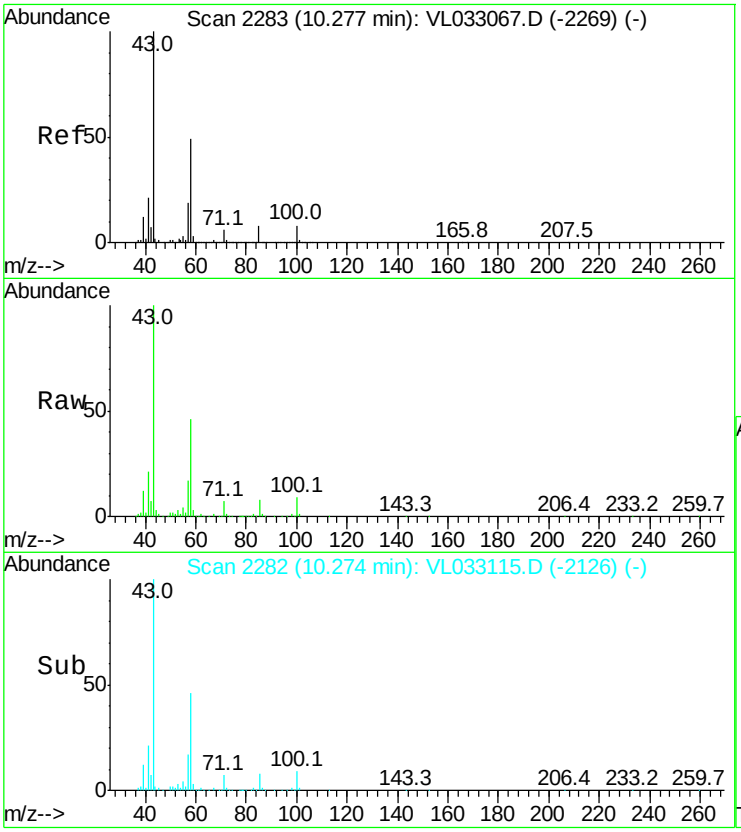


#50
4-Methyl-2-Pentanone
Concen: 2.333 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 521162

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.4	44.0



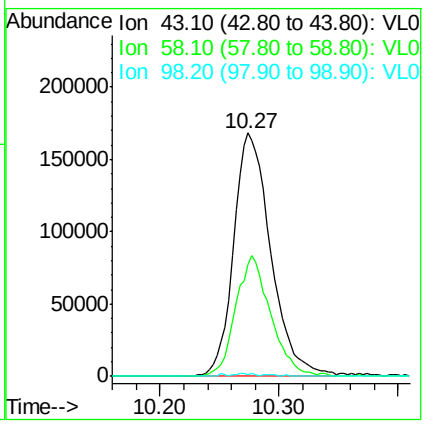


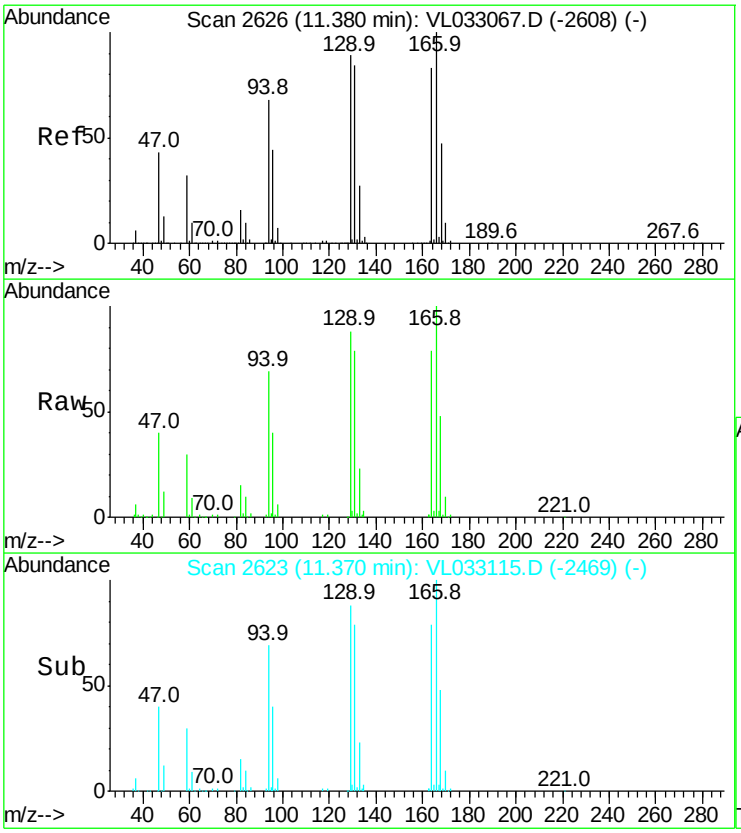
#51
2-Hexanone
Concen: 2.253 ppbv
RT: 10.27 min Scan# 2282
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 364161

Ion	Ratio	Lower	Upper
43	100		
58	47.0	39.5	59.3
98	0.8	0.3	0.5#

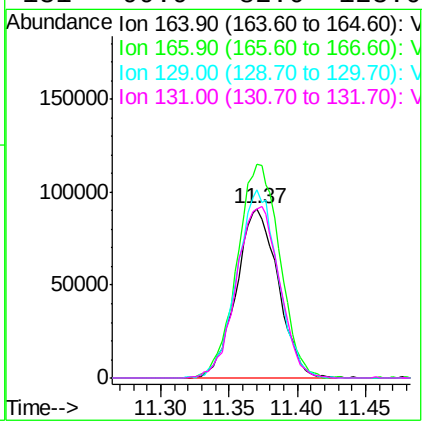


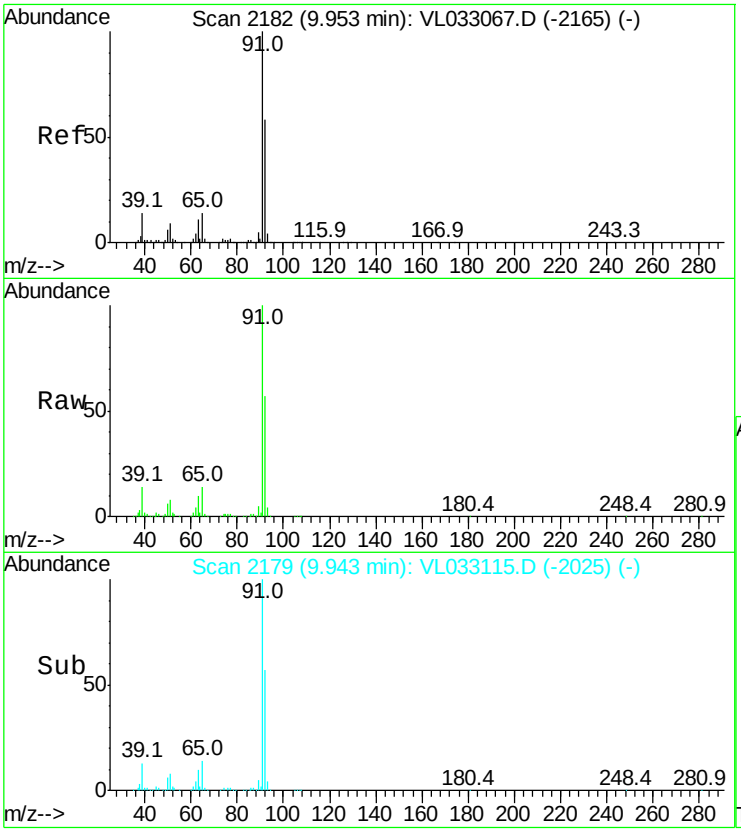


#52
Tetrachloroethene
Concen: 2.203 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:164 Resp: 193510

Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.3	151.9
129	110.8	83.3	124.9
131	99.9	82.0	123.0



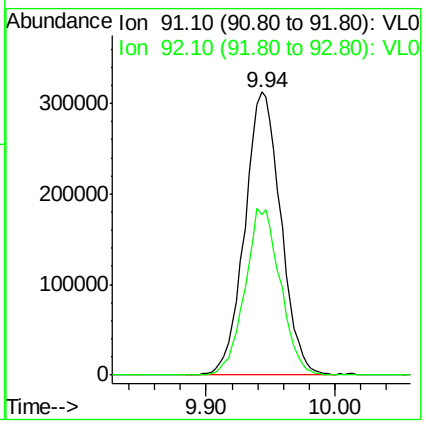


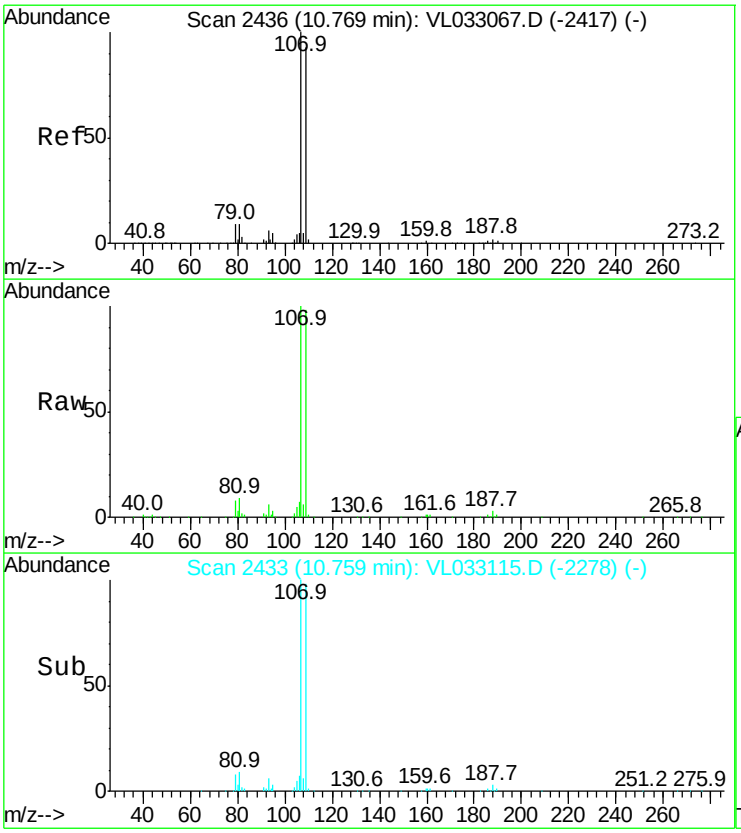
#53
Toluene
Concen: 2.281 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 607452

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.9	71.9

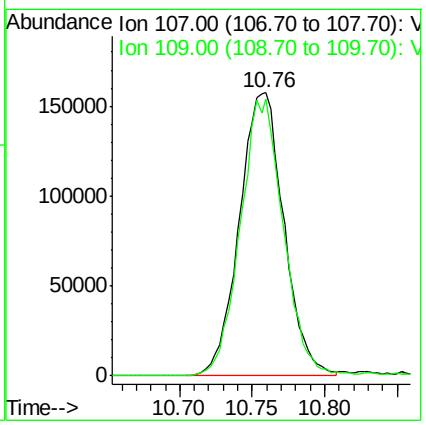


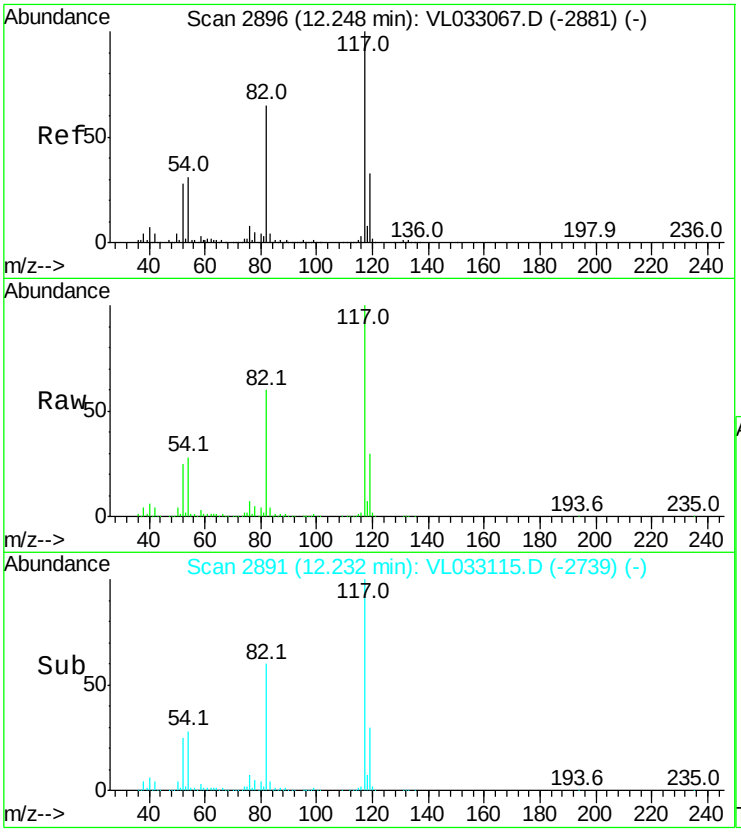


#54
1,2-Dibromoethane
Concen: 2.140 ppbv
RT: 10.76 min Scan# 2433
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:107 Resp: 336294

Ion	Ratio	Lower	Upper
107	100		
109	97.9	75.8	113.6



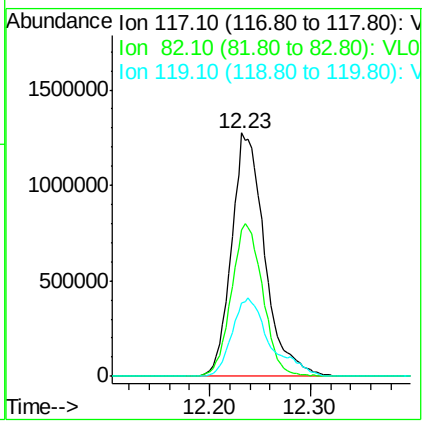


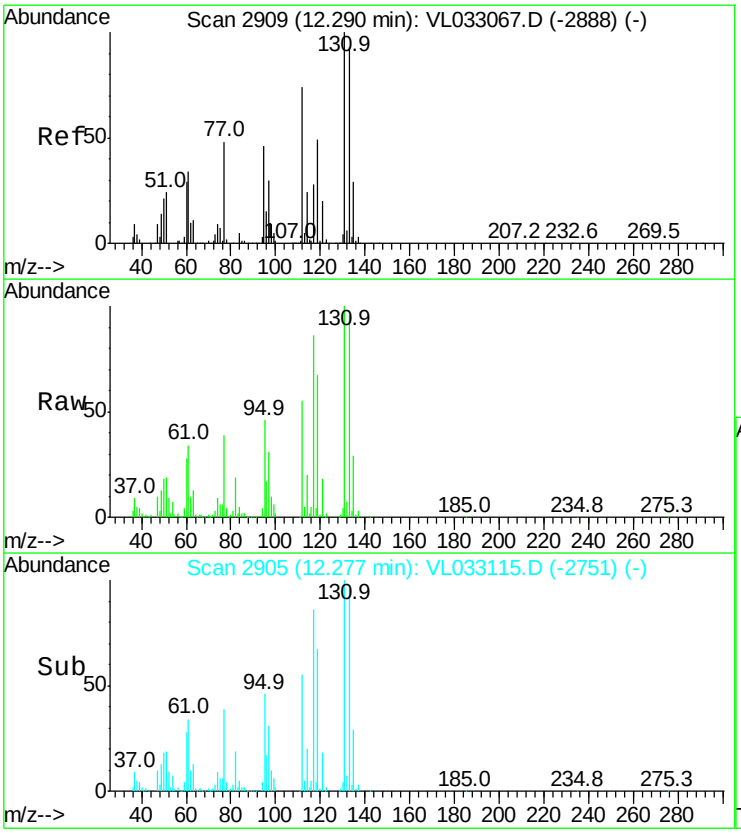
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 2906497

Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.3	72.5
119	36.8	25.9	38.9

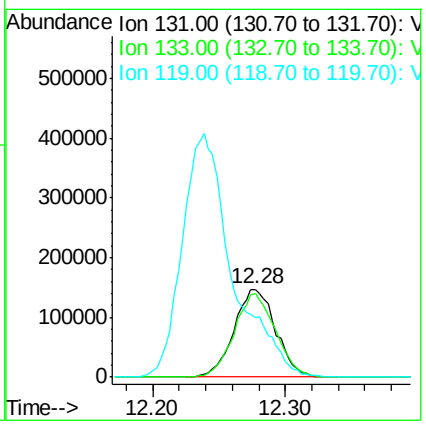


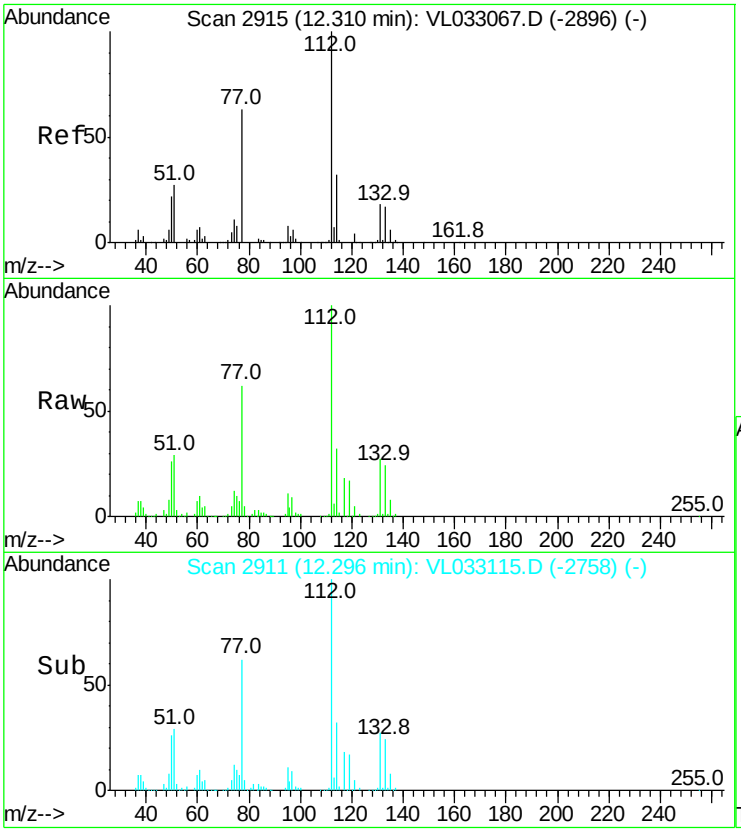


#56
1,1,1,2-Tetrachloroethane
Concen: 2.130 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:131 Resp: 319912

Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.6	115.0
119	335.1	44.6	66.8#



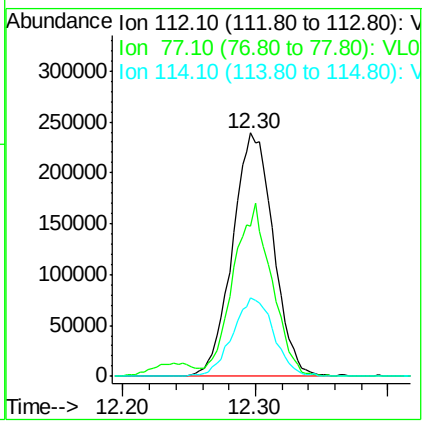


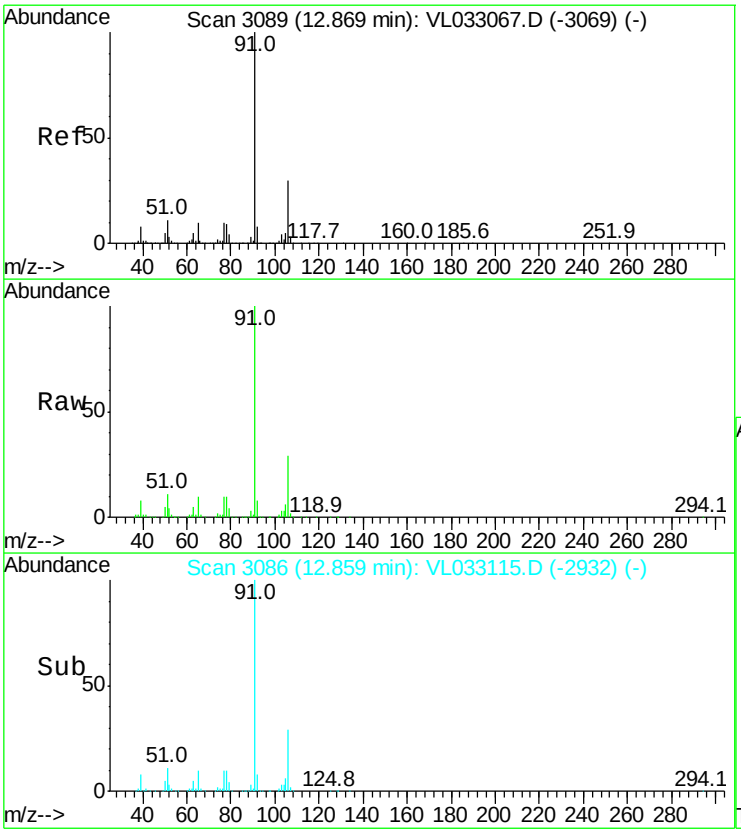
#57
Chlorobenzene
Concen: 2.102 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 509830

Ion	Ratio	Lower	Upper
112	100		
77	61.8	51.6	77.4
114	32.4	27.9	34.1

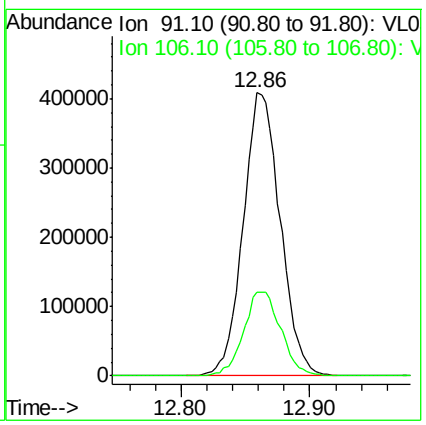


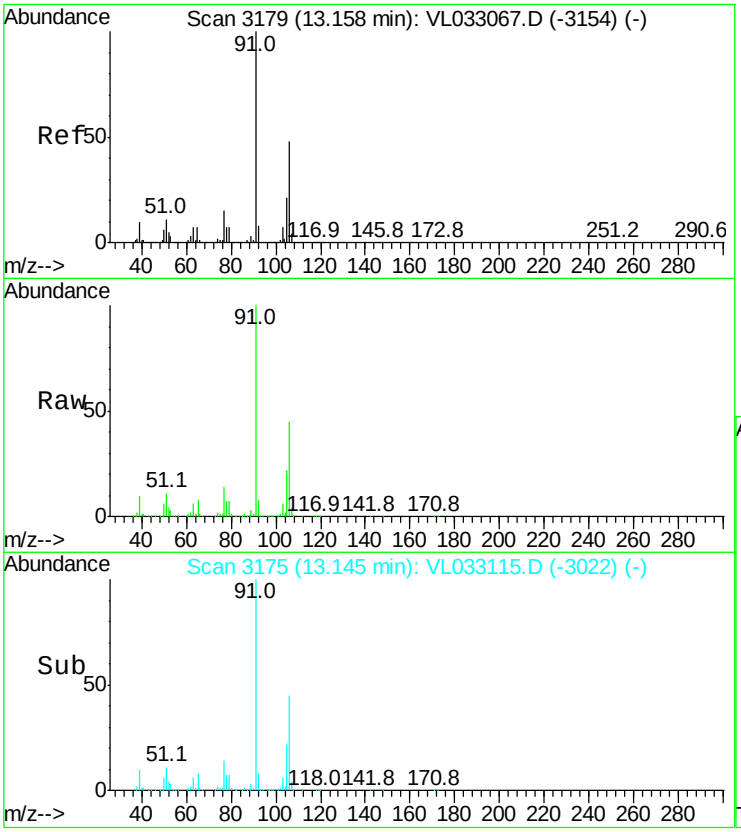


#58
Ethyl Benzene
Concen: 2.226 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 91 Resp: 816925

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.4	36.6



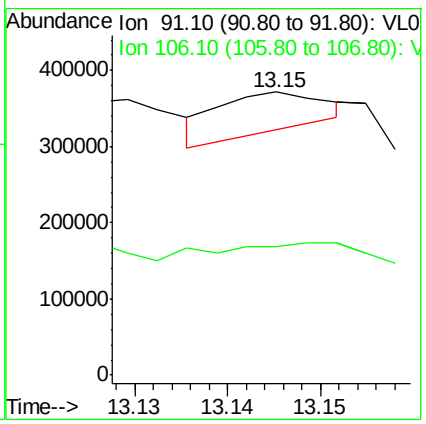


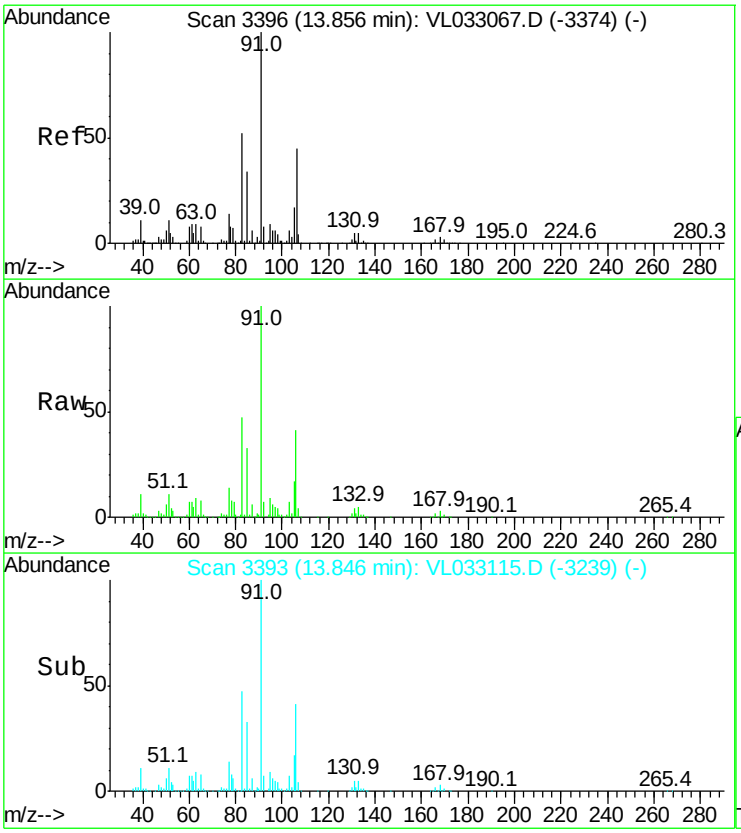
#59
m/p-Xylene
Concen: 0.128 ppbv
RT: 13.15 min Scan# 3175
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 43340

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

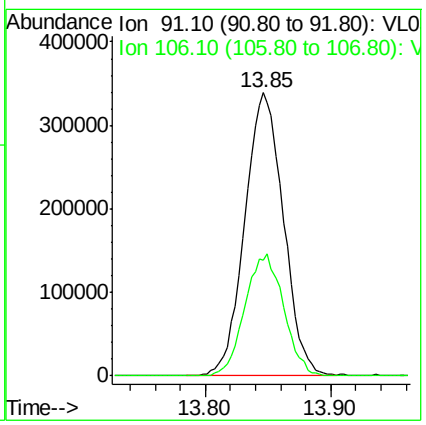


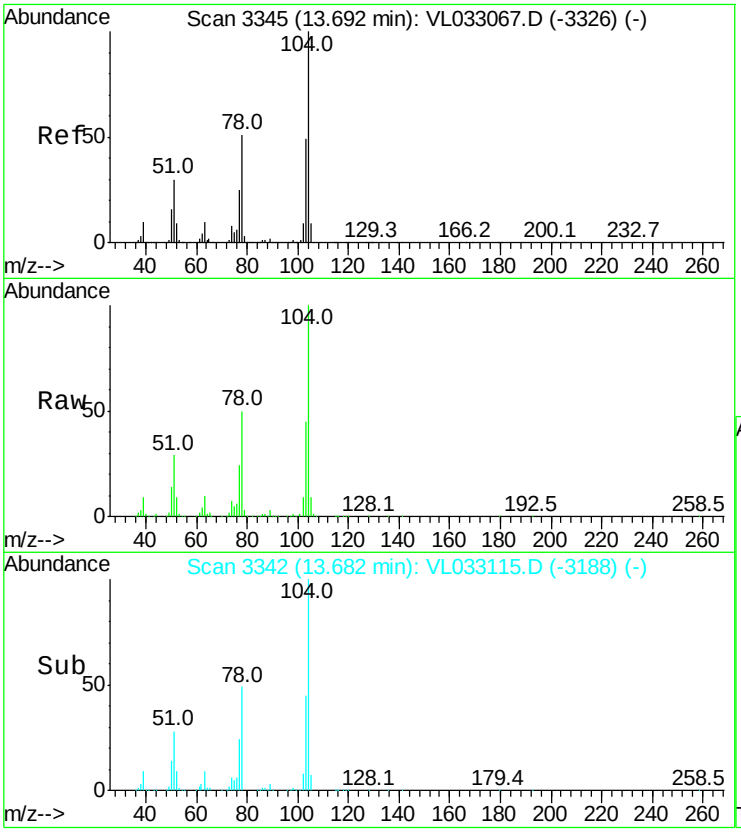


#60
o-Xylene
Concen: 2.180 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 91 Resp: 724477

Ion	Ratio	Lower	Upper
91	100		
106	43.3	22.6	67.8



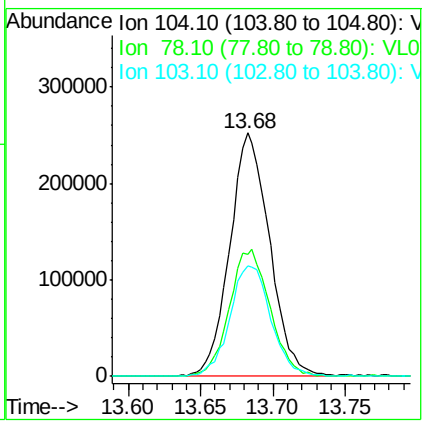


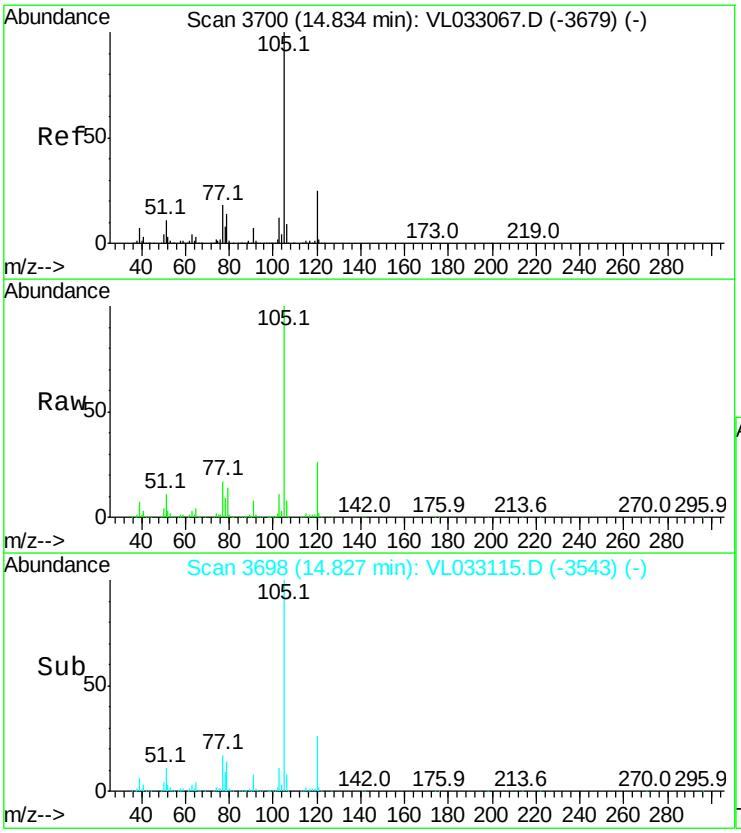
#61
Styrene
Concen: 2.245 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 476002

Ion	Ratio	Lower	Upper
104	100		
78	54.1	41.4	62.0
103	47.7	37.8	56.6

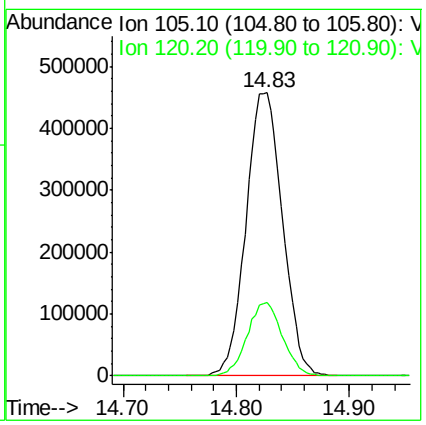


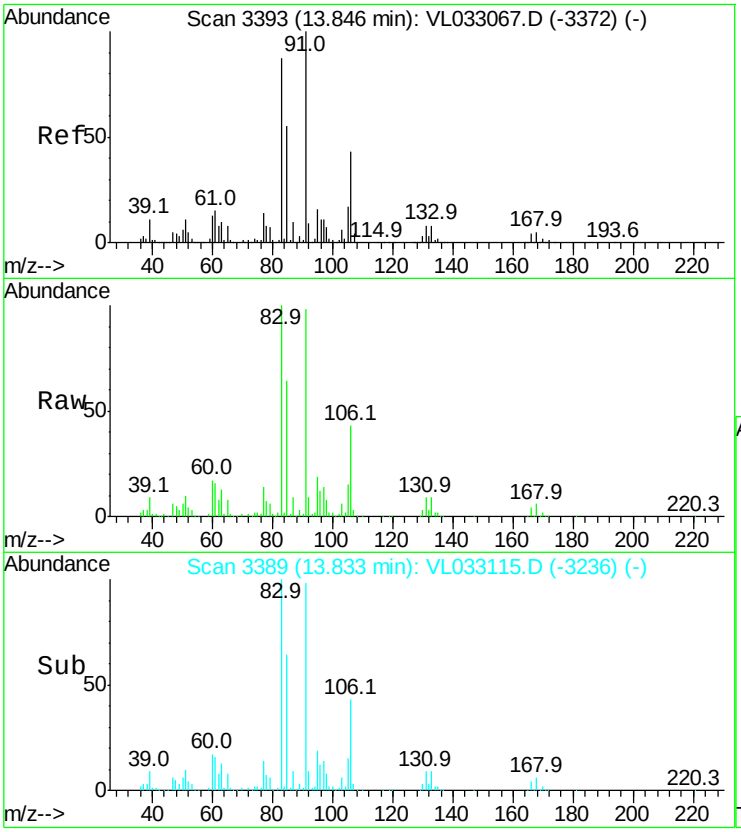


#62
Isopropylbenzene
Concen: 2.171 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:105 Resp: 1026995

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.4	30.6



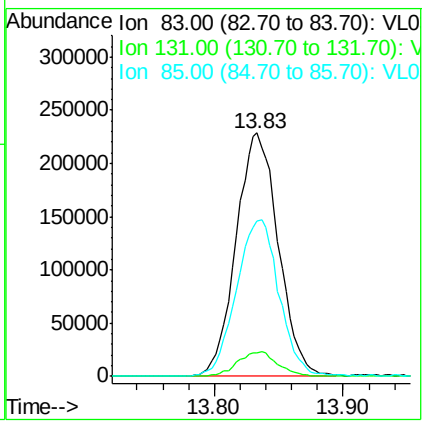


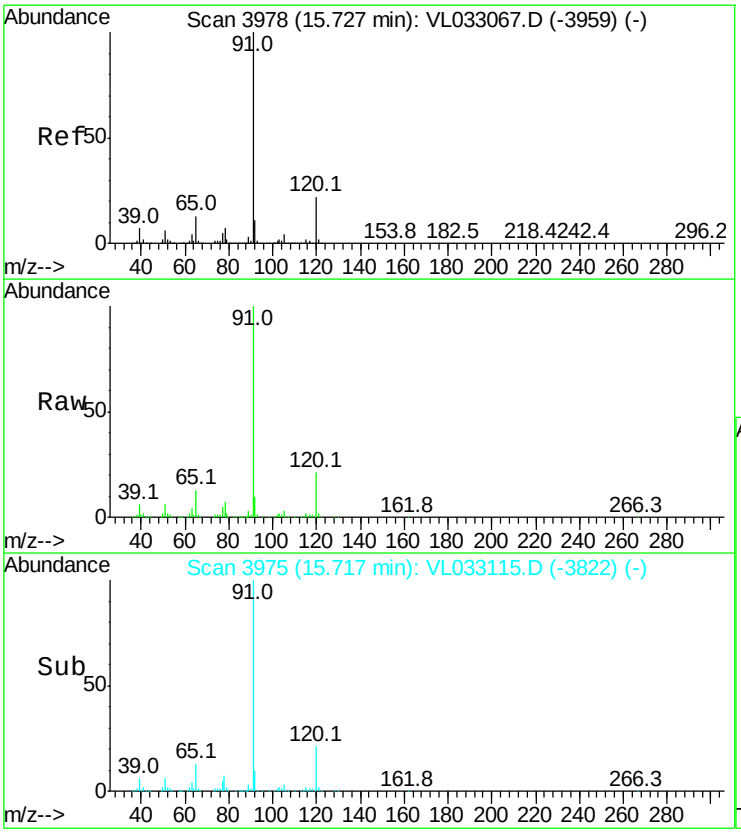
#63
1,1,2,2-Tetrachloroethane
Concen: 2.106 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 519937

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	65.7	32.5	97.4

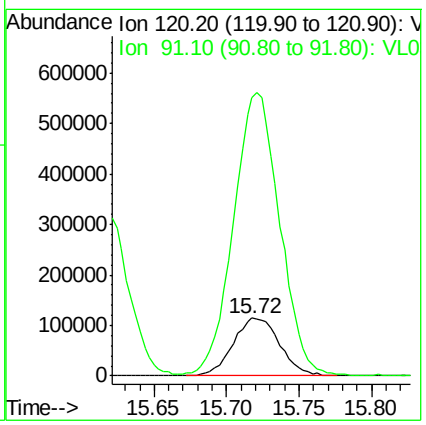


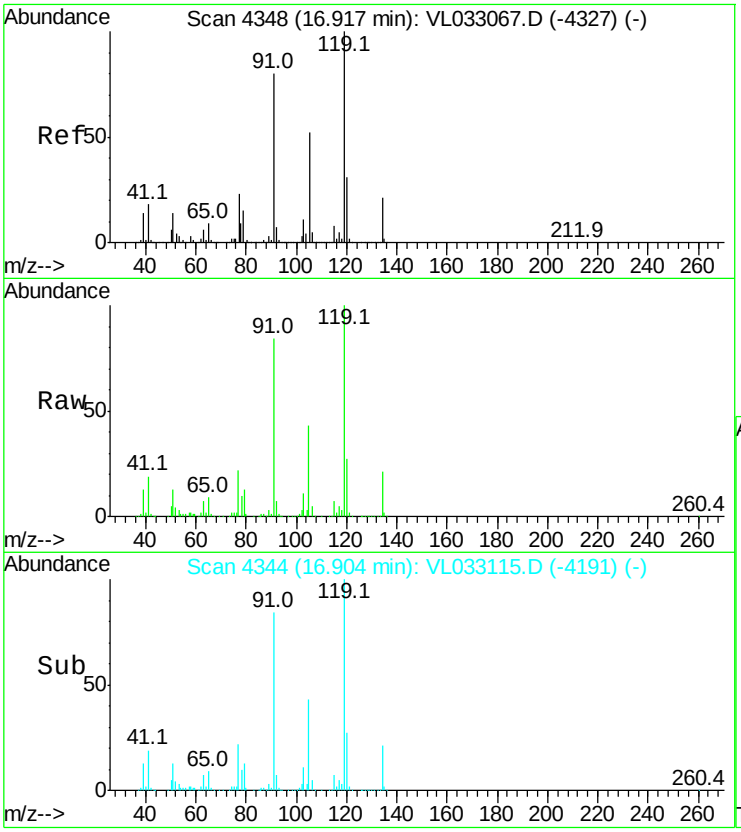


#64
n-propylbenzene
Concen: 2.131 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:120 Resp: 256060

Ion	Ratio	Lower	Upper
120	100		
91	485.0	375.7	563.5



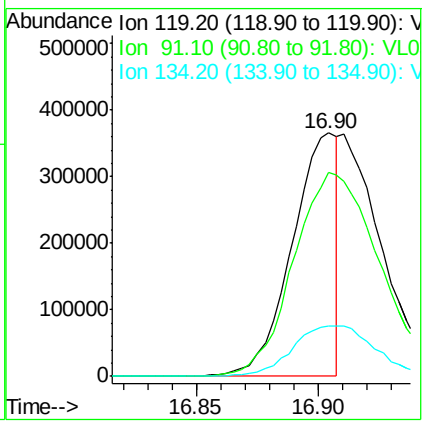


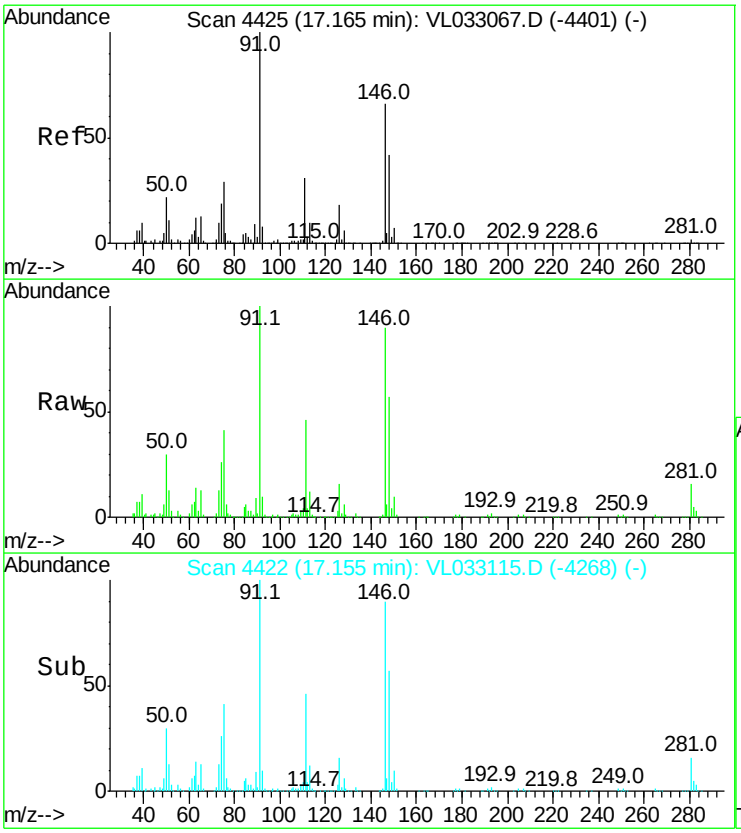
#65
tert-Butylbenzene
Concen: 1.124 ppbv
RT: 16.90 min Scan# 4344
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 470782

Ion	Ratio	Lower	Upper
119	100		
91	160.0	64.5	96.7#
134	0.0	15.7	23.5#

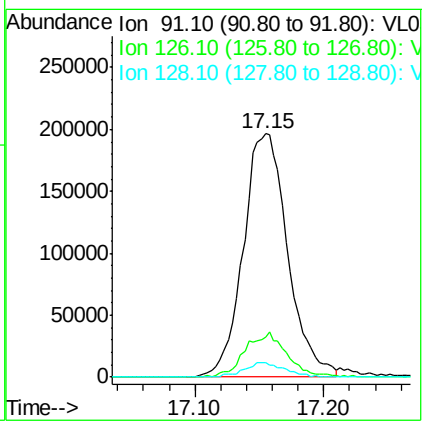


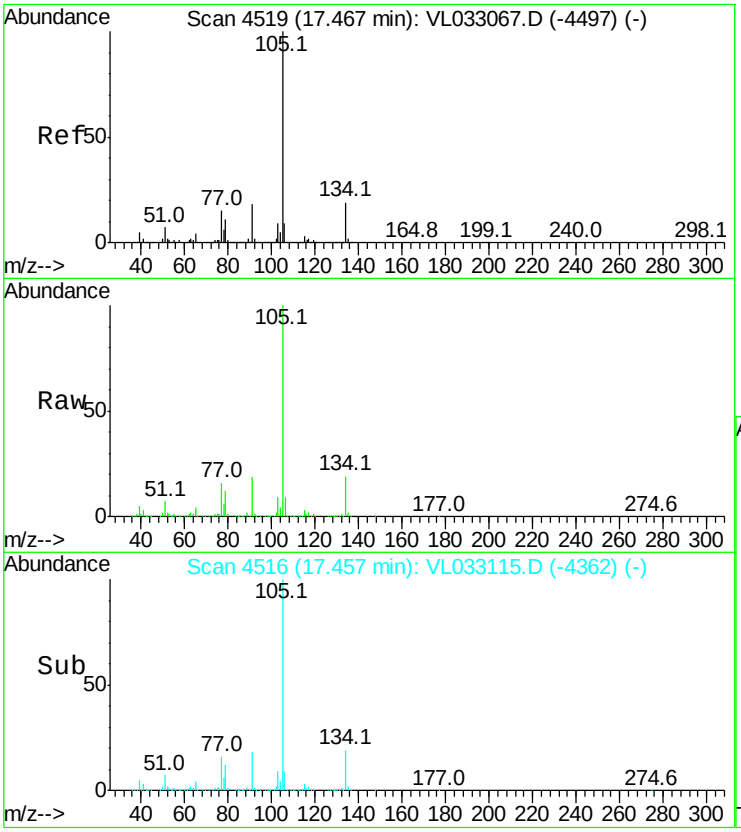


#66
Benzyl Chloride
Concen: 1.967 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 91 Resp: 469579

Ion	Ratio	Lower	Upper
91	100		
126	17.7	14.3	21.5
128	5.8	4.6	7.0



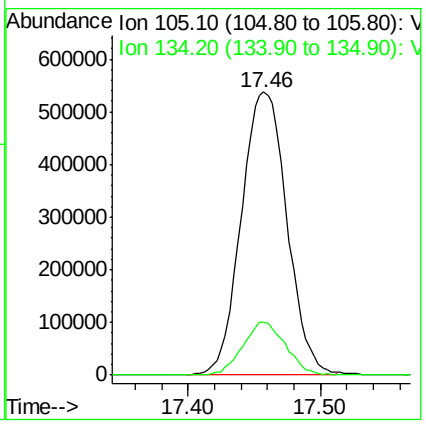


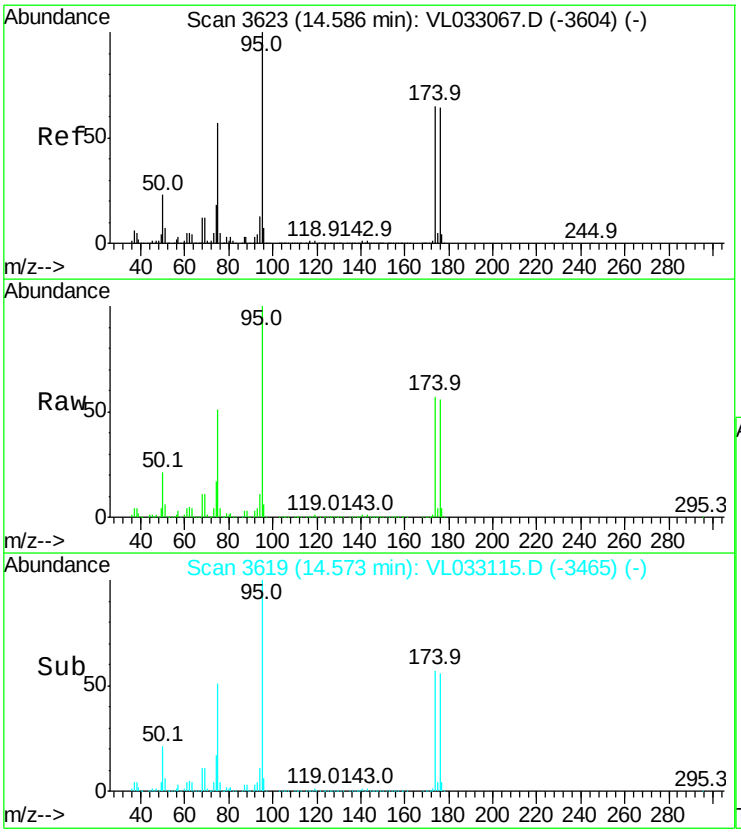
#67
sec-Butylbenzene
Concen: 2.143 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1284888

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.8	22.2

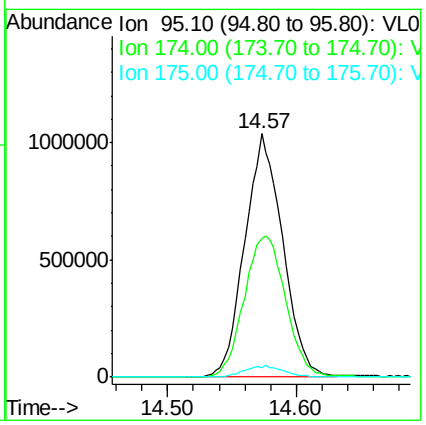


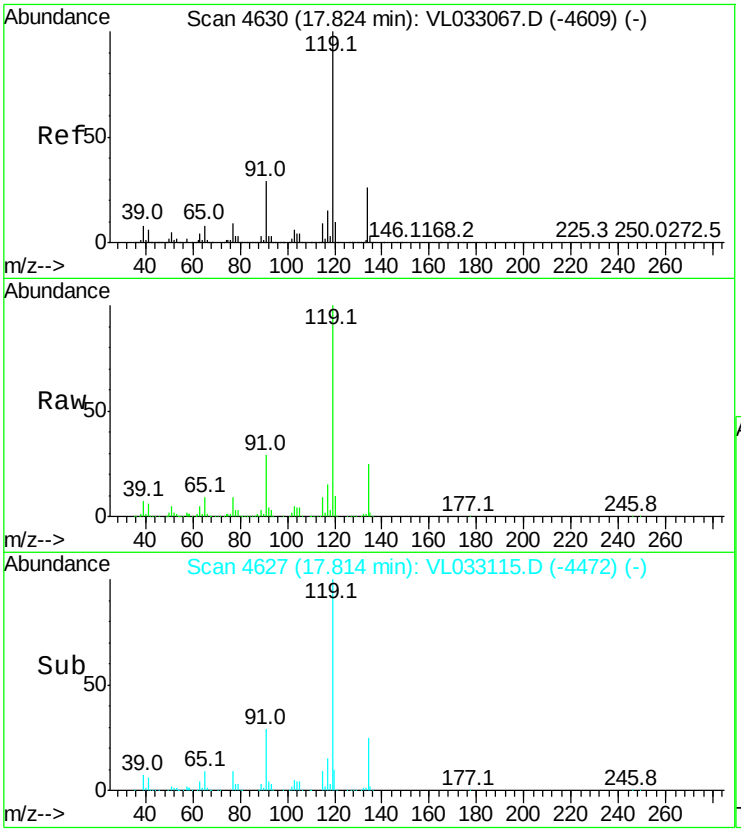


#68
1-Bromo-4-Fluorobenzene
Concen: 9.523 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 95 Resp: 2121752

Ion	Ratio	Lower	Upper
95	100		
174	64.2	51.4	77.2
175	4.9	4.0	6.0



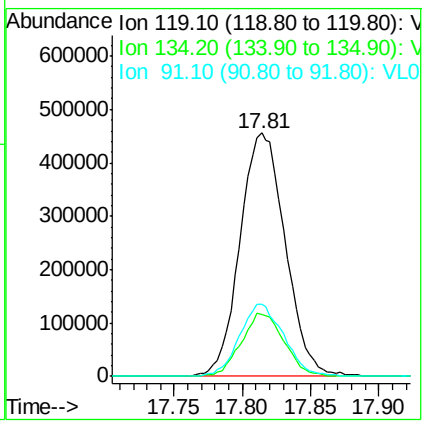


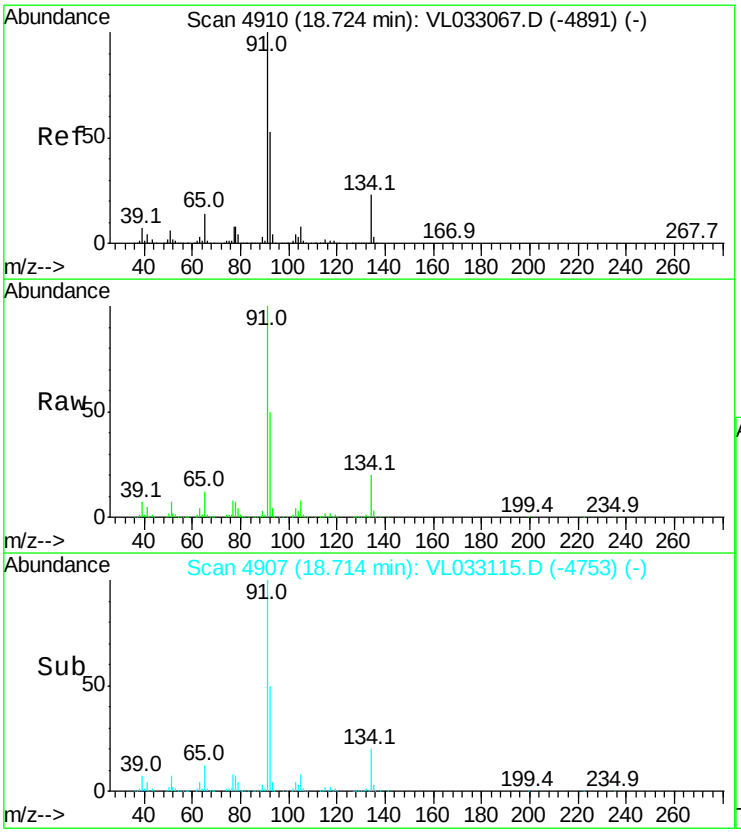
#69
p-Isopropyltoluene
Concen: 2.151 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1046609

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.4	30.6
91	29.0	22.8	34.2

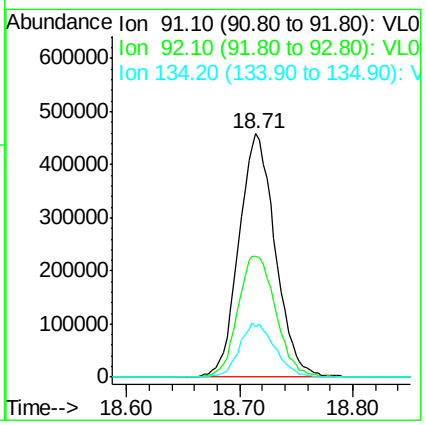


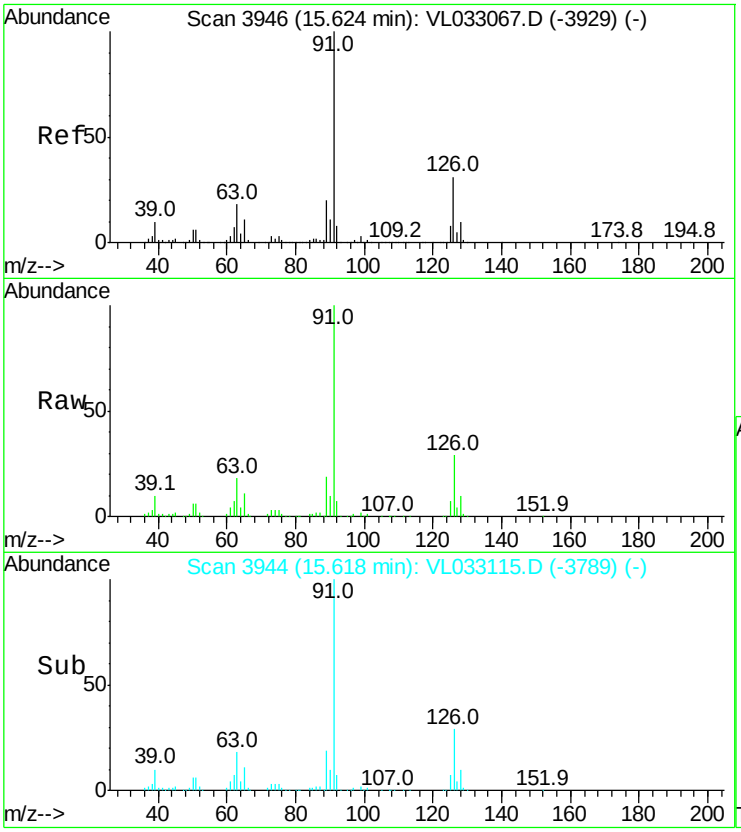


#70
n-Butylbenzene
Concen: 2.087 ppbv
RT: 18.71 min Scan# 4907
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 91 Resp: 1021073

Ion	Ratio	Lower	Upper
91	100		
92	52.0	43.0	64.6
134	21.7	18.4	27.6



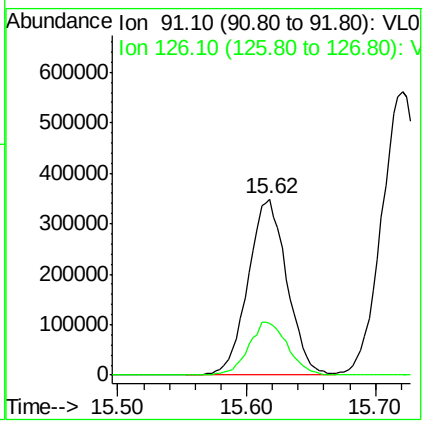


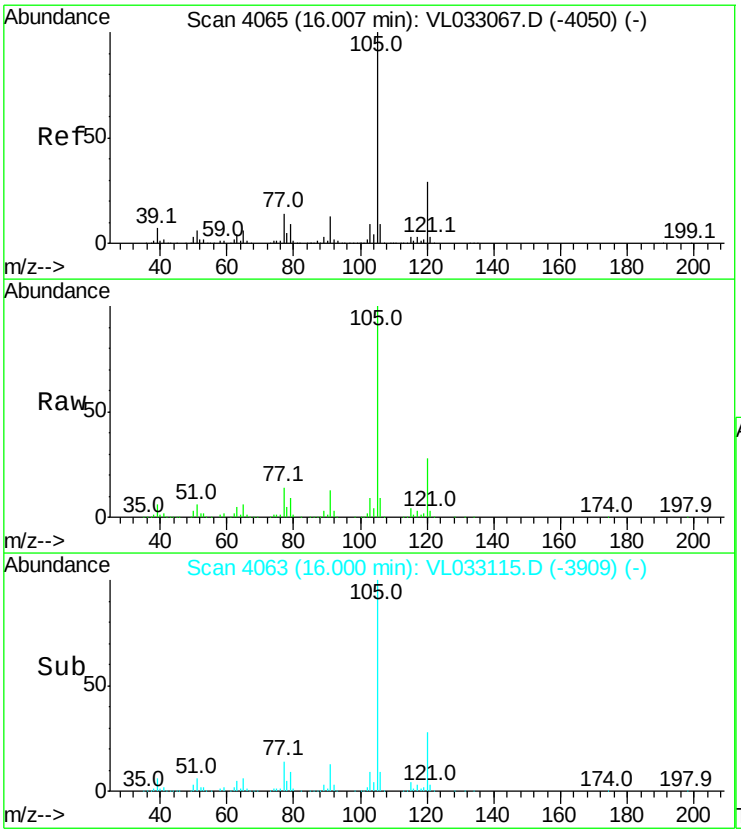
#71
2-Chlorotoluene
Concen: 2.186 ppbv
RT: 15.62 min Scan# 3944
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 733130

Ion	Ratio	Lower	Upper
91	100		
126	30.2	12.4	49.8

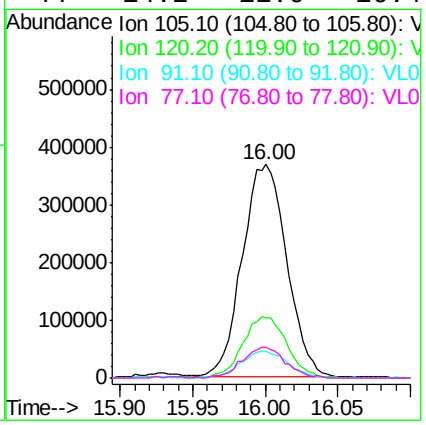


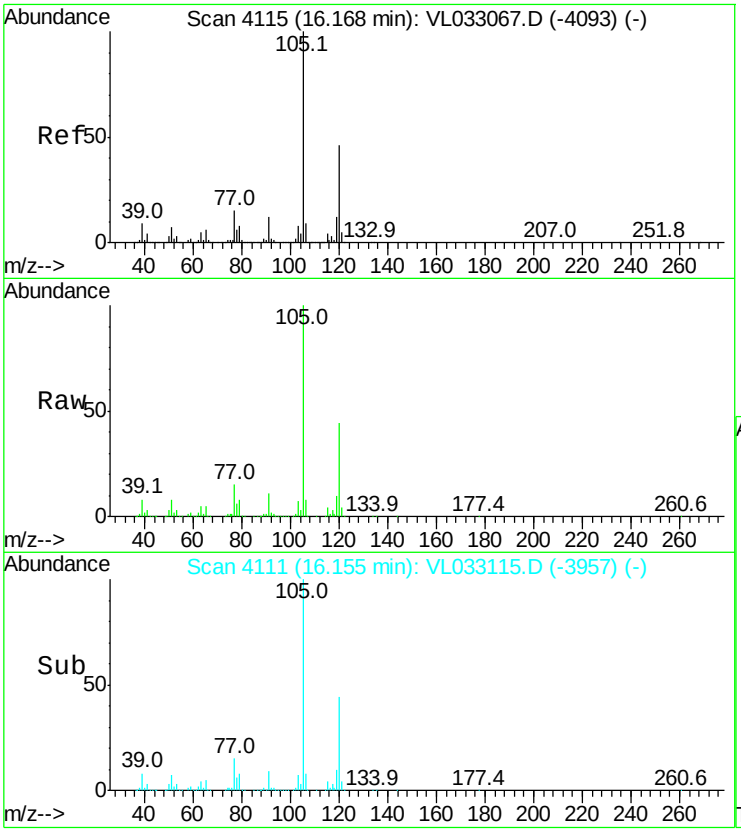


#72
4-Ethyltoluene
Concen: 2.143 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:105 Resp: 782550

Ion	Ratio	Lower	Upper
105	100		
120	29.1	23.5	35.3
91	13.0	10.3	15.5
77	14.2	11.0	16.4



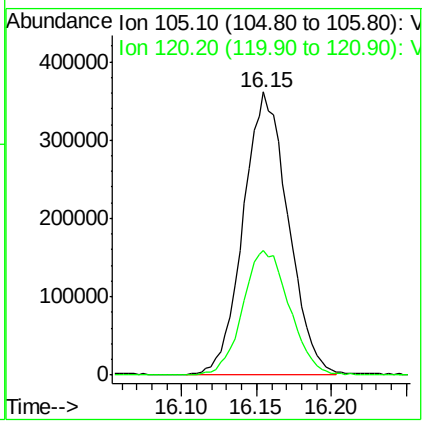


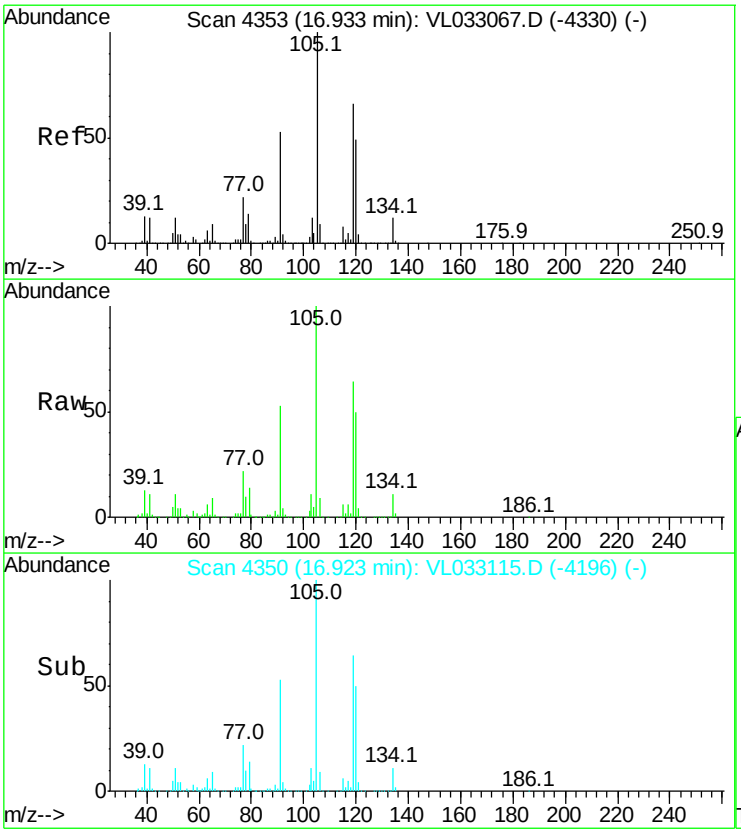
#73
1,3,5-Trimethylbenzene
Concen: 2.090 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 753203

Ion	Ratio	Lower	Upper
105	100		
120	44.0	37.5	56.3

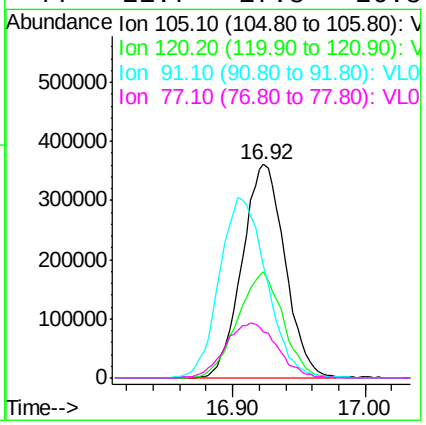


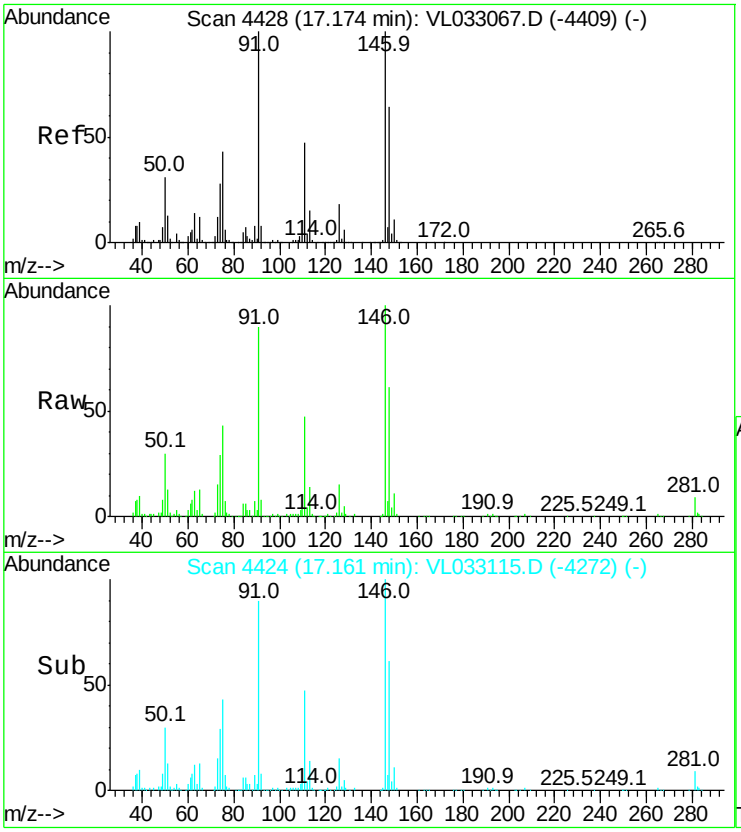


#74
1,2,4-Trimethylbenzene
Concen: 2.038 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:105 Resp: 813328

Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.9	56.9
91	52.1	39.8	59.8
77	21.7	17.8	26.8



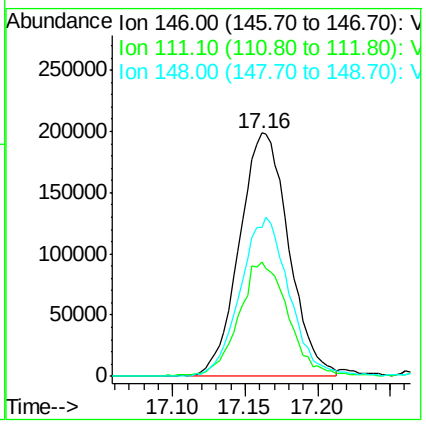


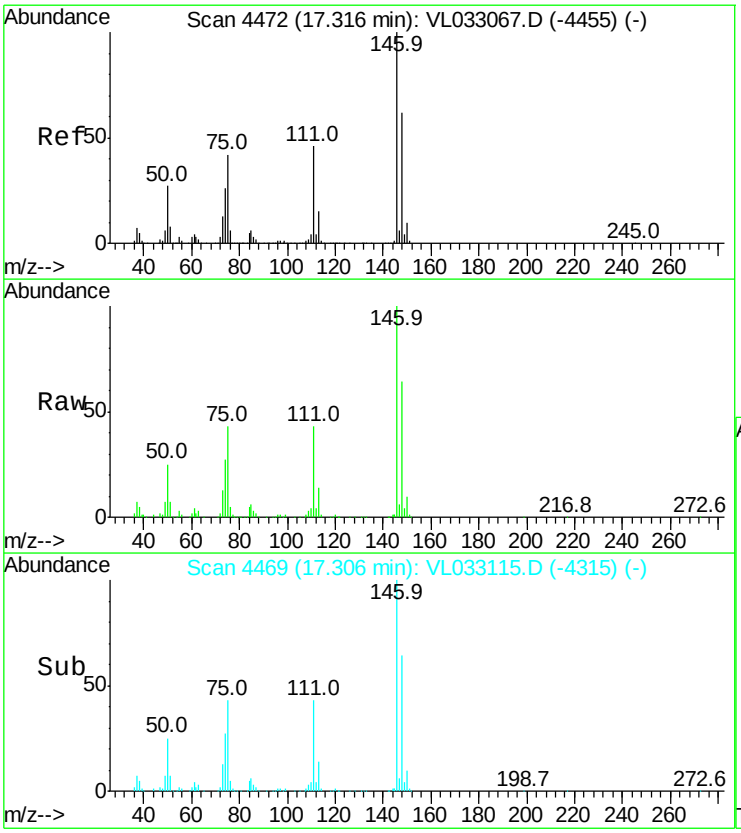
#75
1,3-Dichlorobenzene
Concen: 1.987 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 466785

Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.4	70.0
148	65.5	32.1	96.3

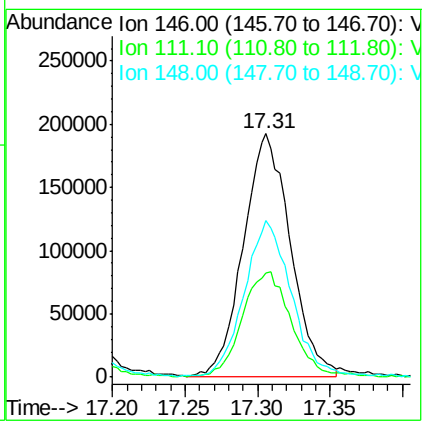


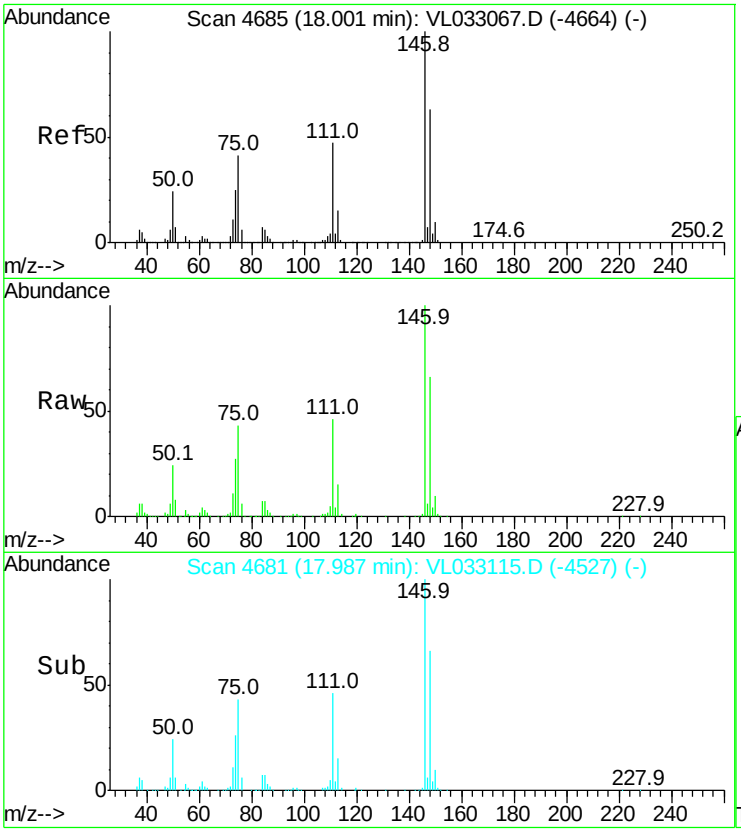


#76
1,4-Dichlorobenzene
Concen: 2.016 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:146 Resp: 431373

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.7	68.0
148	66.0	32.1	96.3



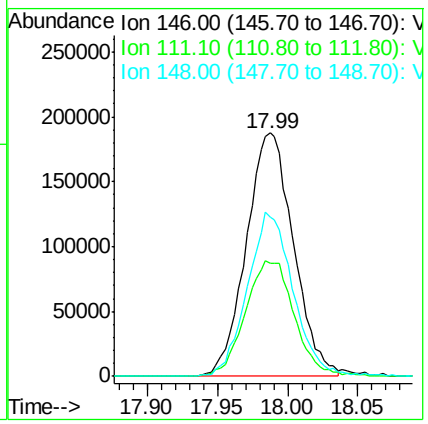


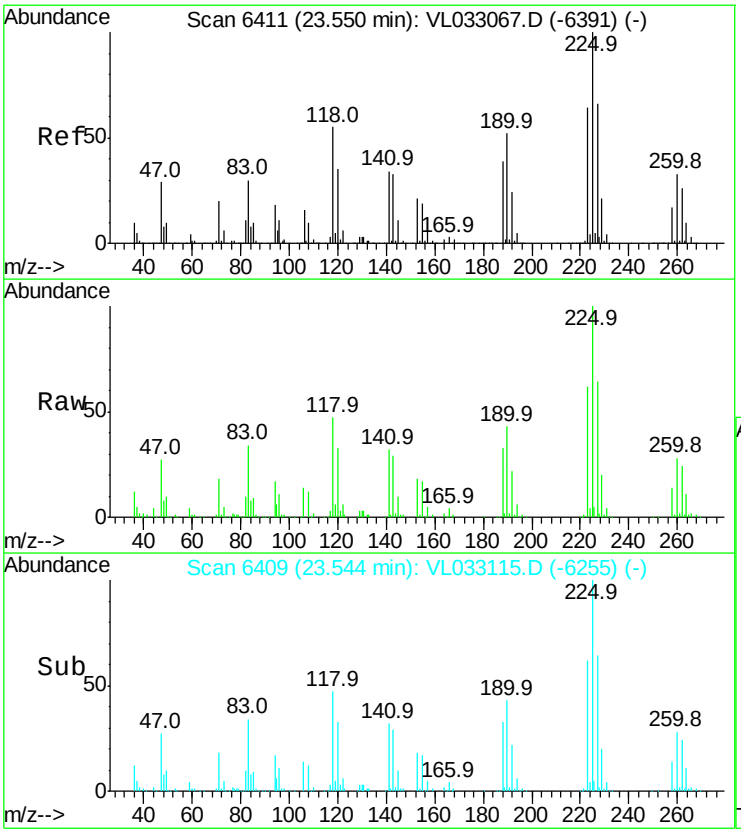
#77
1,2-Dichlorobenzene
Concen: 2.067 ppbv
RT: 17.99 min Scan# 4681
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 437241

Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.4	73.2
148	65.8	32.6	97.7

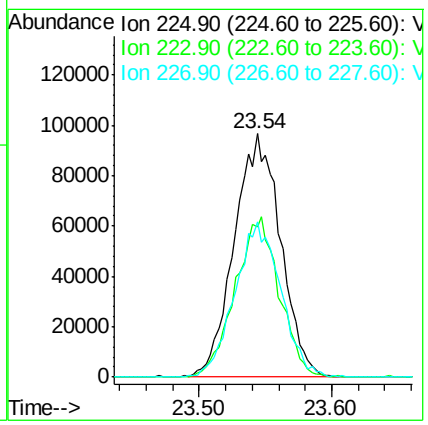


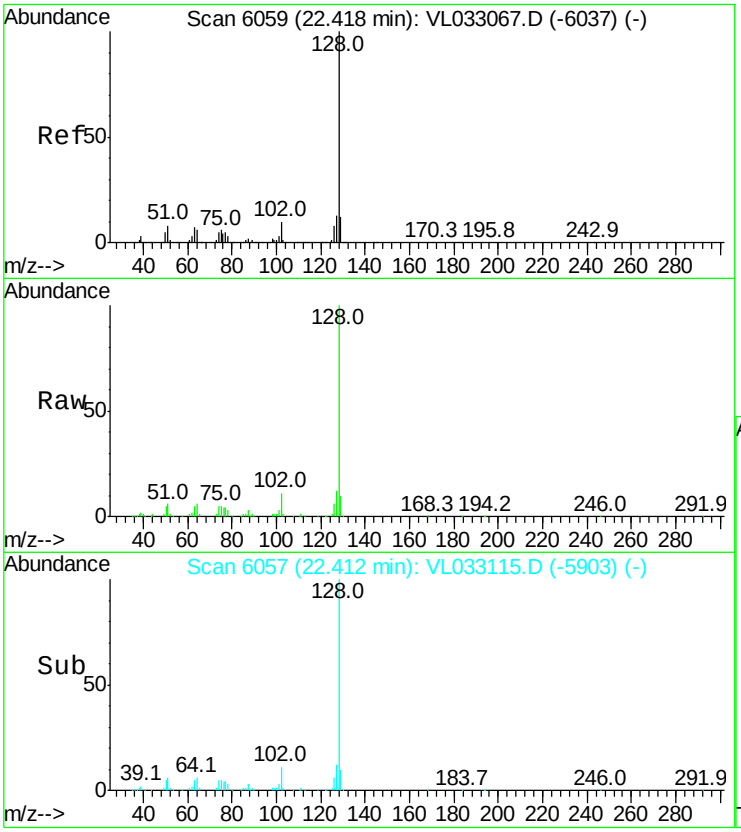


#78
Hexachloro-1,3-Butadiene
Concen: 1.441 ppbv
RT: 23.54 min Scan# 6409
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:225 Resp: 234205

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	62.8	51.0	76.4



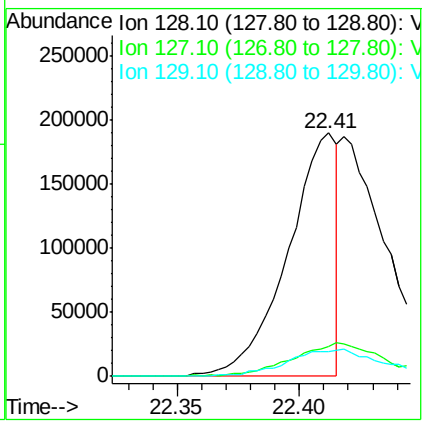


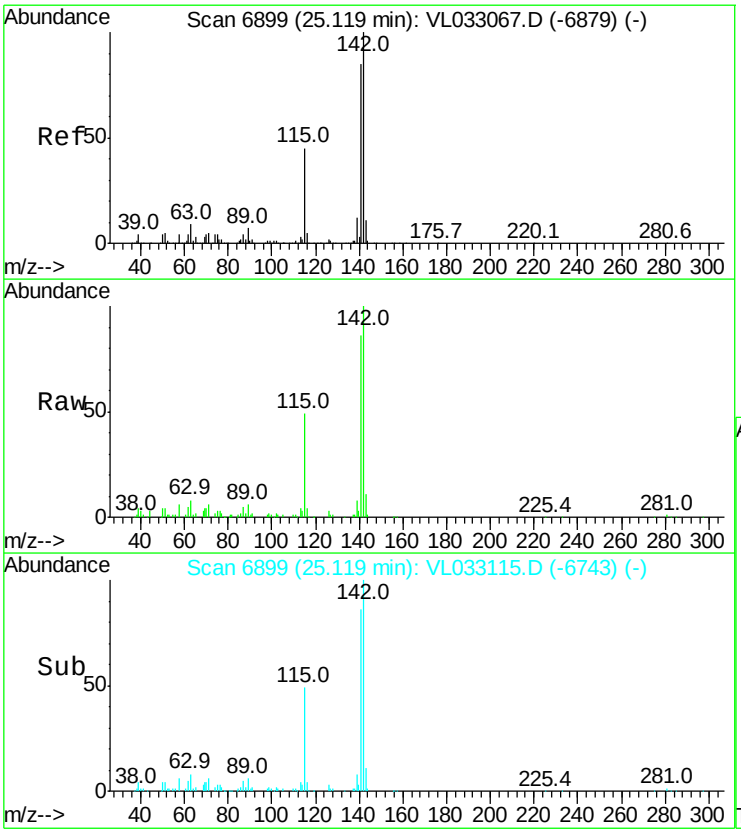
#79
Naphthalene
Concen: 0.791 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. -0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 265816

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	15.8
129	10.0	9.2	13.8

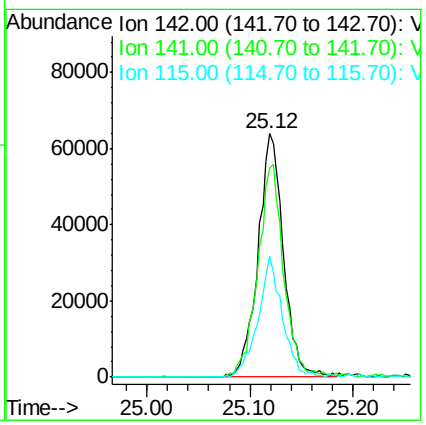


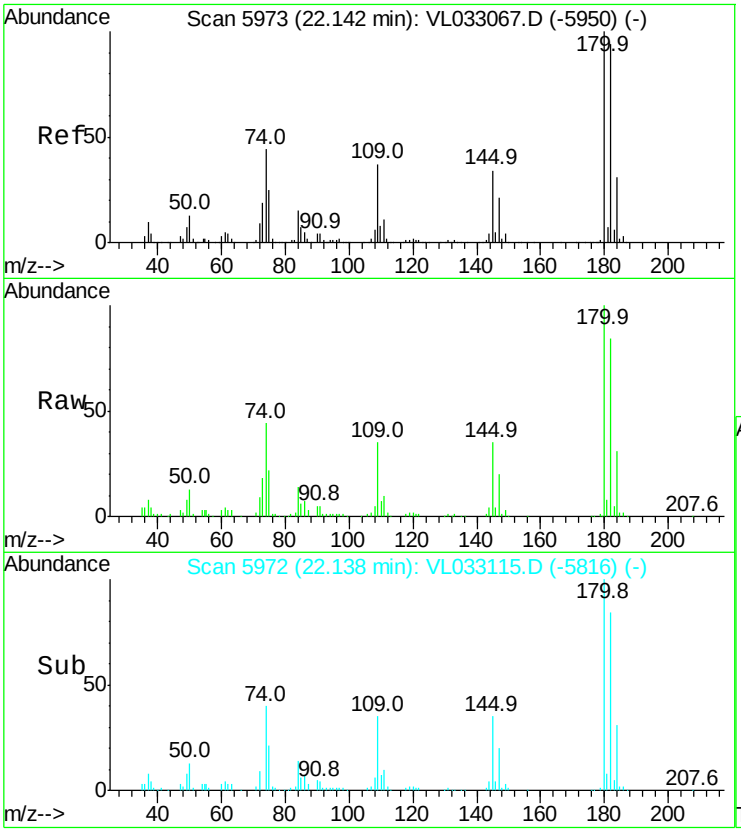


#80
Naphthalene,2-methyl-
Concen: 1.069 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Tgt Ion:142 Resp: 109080

Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.4	101.2
115	47.9	34.9	52.3





#81
1,2,4-Trichlorobenzene
Concen: 1.561 ppbv
RT: 22.14 min Scan# 5972
Delta R.T. 0.00 min
Lab File: VL033115.D
Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 253440

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.5	114.7
184	30.6	24.2	36.4